

## Datasheet: VPA00626

|                      |                         |
|----------------------|-------------------------|
| <b>Description:</b>  | RABBIT ANTI NPEPPS      |
| <b>Specificity:</b>  | NPEPPS                  |
| <b>Format:</b>       | Purified                |
| <b>Product Type:</b> | PrecisionAb™ Polyclonal |
| <b>Isotype:</b>      | Polyclonal IgG          |
| <b>Quantity:</b>     | 100 µl                  |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ■   |    |                | 1/1000             |

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

|                                 |                                                                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>           | Human                                                                                                                                                                 |
| <b>Species Cross Reactivity</b> | Reacts with: Mouse<br><b>N.B.</b> Antibody reactivity and working conditions may vary between species.                                                                |
| <b>Product Form</b>             | Purified IgG - liquid                                                                                                                                                 |
| <b>Preparation</b>              | Rabbit polyclonal antibody purified by affinity chromatography                                                                                                        |
| <b>Buffer Solution</b>          | Phosphate buffered saline                                                                                                                                             |
| <b>Preservative Stabilisers</b> | 0.09% Sodium Azide<br>2% Sucrose                                                                                                                                      |
| <b>Immunogen</b>                | Synthetic peptide encompassing part of the middle region of human NPEPPS                                                                                              |
| <b>External Database Links</b>  | <b>UniProt:</b><br><a href="#">P55786</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">9520</a> NPEPPS <a href="#">Related reagents</a> |
| <b>Synonyms</b>                 | PSA                                                                                                                                                                   |

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Specificity</b>                   | <p><b>Rabbit anti Human NPEPPS antibody</b> recognizes puromycin-sensitive aminopeptidase, also known as cytosol alanyl aminopeptidase, AAP-S or metalloproteinase MP100.</p> <p>The NPEPPS gene encodes the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain, and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human NPEPPS antibody detects a band of 103 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
| <b>Western Blotting</b>              | Rabbit anti NPEPPS detects a band of approximately 103 kDa in NIH/3T3 cell lysates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Instructions For Use</b>          | Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>                       | Store undiluted at -20°C, avoiding repeated freeze thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Shelf Life</b>                    | As supplied, 12 months from date of despatch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Acknowledgements</b>              | PrecisionAb™ is a trademark of Bio-Rad Laboratories.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10045 available at:<br>Antibody (10045): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Regulatory</b>                    | For research purposes only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

|                                  |                                                                                                                                         |                  |                                                                                                                                                 |               |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
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