

## Datasheet: VPA00360

|                      |                         |
|----------------------|-------------------------|
| <b>Description:</b>  | RABBIT ANTI RBBP7       |
| <b>Specificity:</b>  | RBBP7                   |
| <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, Rat<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 (NaN <sub>3</sub> )                                                                                                                               |
| <b>Immunogen</b>                | KLH-conjugated synthetic peptide corresponding to aa 1-30 of human RBBP7                                                                                             |
| <b>External Database Links</b>  | <b>UniProt:</b><br><a href="#">Q16576</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">5931</a> RBBP7 <a href="#">Related reagents</a> |
| <b>Synonyms</b>                 | RBAP46                                                                                                                                                               |

**Specificity** **Rabbit anti Human RBBP7 antibody** recognizes RBBP7, also known as G1/S transition control protein-binding protein RbAp46, histone acetyltransferase type B subunit 2, histone-binding protein RBBP7, nucleosome-remodeling factor subunit RBAP46, retinoblastoma-binding protein 7, retinoblastoma-binding protein RbAp46 and retinoblastoma-binding protein p46.

RBBP7 is a ubiquitously expressed nuclear protein and belongs to a highly conserved subfamily of WD-repeat proteins. It is found among several proteins that bind directly to retinoblastoma protein, which regulates cell proliferation. RBBP7 is found in many histone deacetylase complexes, including mSin3 co-repressor complex. It is also present in protein complexes involved in chromatin assembly. This protein can interact with BRCA1 tumor-suppressor gene and may have a role in the regulation of cell proliferation and differentiation. Two transcript variants encoding different isoforms have been found for RBBP7 (provided by RefSeq, Nov 2010).

Rabbit anti Human RBBP7 antibody detects a band of 52 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

|                                      |                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Western Blotting</b>              | Anti RBBP7 detects a band of approximately 52 kDa in MOLT-4 cell lysate                                                                                                                                             |
| <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 #10040 available at:<br>Antibody (10040): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.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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