

## Datasheet: VPA00554

|                      |                         |
|----------------------|-------------------------|
| <b>Description:</b>  | RABBIT ANTI Cdc37       |
| <b>Specificity:</b>  | Cdc37                   |
| <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 prepared by affinity chromatography on Protein A                                                                                           |
| <b>Buffer Solution</b>          | Phosphate buffered saline                                                                                                                                             |
| <b>Preservative Stabilisers</b> | 0.09% Sodium Azide (NaN <sub>3</sub> )                                                                                                                                |
| <b>Immunogen</b>                | Full length native human Cdc37                                                                                                                                        |
| <b>External Database Links</b>  | <b>UniProt:</b><br><a href="#">Q16543</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">11140</a> CDC37 <a href="#">Related reagents</a> |
| <b>Synonyms</b>                 | CDC37A                                                                                                                                                                |

**Specificity**      **Rabbit anti Human Cdc37 antibody** recognizes the Hsp90 co-chaperone Cdc37, also known as CDC37 cell division cycle 37 homolog, hsp90 chaperone protein kinase-targeting subunit or p50Cdc37.

The protein encoded by CDC37 gene is highly similar to Cdc 37, a cell division cycle control protein of *Sacchromyces cerevisiae*. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases (provided by RefSeq, Jul 2008).

Rabbit anti Human Cdc37 antibody detects a band of 50 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

|                                      |                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Western Blotting</b>              | Anti Cdc37 detects a band of approximately 50 kDa in C6 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 #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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