

Datasheet: VPA00277

**BATCH NUMBER 160415**

|                      |                            |
|----------------------|----------------------------|
| <b>Description:</b>  | RABBIT ANTI INHIBIN BETA B |
| <b>Specificity:</b>  | INHIBIN BETA B             |
| <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             |

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** 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 dependent on sample type.

|                                 |  |
|---------------------------------|--|
| <b>Target Species</b>           | Human  |
| <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 369-397 of human inhibin beta B |
| <b>External Database Links</b>  | <b>UniProt:</b><br><a href="#">P09529</a> <a href="#">Related reagents</a>           |

**Entrez Gene:**[3625](#) [INHBB](#) [Related reagents](#)

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**Specificity** **Rabbit anti Human inhibin beta B antibody** recognizes inhibin beta B, also known as INHBB, activin AB beta polypeptide and activin beta-B chain.

The inhibin beta B subunit joins the alpha subunit to form a pituitary FSH secretion inhibitor. Inhibin regulates gonadal stromal cell proliferation negatively and to have tumor-suppressor activity. In addition, serum levels of inhibin reflect the size of granulosa-cell tumors and can therefore be used as a marker for primary as well as recurrent disease. Because expression in gonadal and various extra-gonadal tissues may vary several fold in a tissue-specific fashion, it is proposed that inhibin may be both a growth/differentiation factor and a hormone. Furthermore, the beta B subunit forms a homodimer, activin B, and also joins with the beta A subunit to form a heterodimer, activin AB, both of which stimulate FSH secretion (provided by RefSeq, Jul 2008).

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

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**Western Blotting** Anti inhibin beta B detects a band of approximately 52 kDa in human adipose tissue

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00277>  
Antibody (10040)

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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