

Datasheet: AHP2604

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| Description: | RABBIT ANTI ErbB3 (pTyr1328) |
| Specificity: | ErbB3 (pTyr1328) |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 50 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.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪ | | | 1/500 - 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.

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| Target Species | Human |
| Species Cross Reactivity | Based on sequence similarity, is expected to react with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species. |
| Product Form | Purified IgG - liquid |
| Antiserum Preparation | Antiserum to ErbB3 (pTyr1328) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. |
| Buffer Solution | Phosphate buffered saline |
| Preservative | 0.02% Sodium Azide |
| Stabilisers | 50% Glycerol |
| Immunogen | Phospho specific-peptide corresponding to residues surrounding tyrosine 1328 of human ErbB3 |
| External Database Links | <p>UniProt: P21860 Related reagents</p> <p>Entrez Gene: 2065 ERBB3 Related reagents</p> |

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| Synonyms | HER3 |
| Specificity | <p>Rabbit anti ErbB3 (pTyr1328) antibody recognizes ErbB3, also known as receptor tyrosine-protein kinase erbB-3 or tyrosine kinase-type cell surface receptor HER3, when phosphorylated at tyrosine 1328.</p> <p>ErbB3 is a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases and plays a key role in cell proliferation and differentiation.</p> <p>ErbB3 acts as a receptor for neuregulins and heterodimerizes with ErbB2. ErbB3 contains a phosphorylation site at tyrosine 1328 (Tzouros et al. 2013).</p> |
| Further Reading | 1. Tzouros, M. <i>et al.</i> (2013) Development of a 5-plex SILAC method tuned for the quantitation of tyrosine phosphorylation dynamics. Mol Cell Proteomics. 12 (11): 3339-49. |
| Storage | <p>Store at -20°C</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p> |
| Guarantee | 12 months from date of despatch |
| Acknowledgements | PrecisionAb is a trademark of Bio-Rad Laboratories |
| Health And Safety Information | Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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| North & South America | Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com | Worldwide | Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com | Europe | Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com |
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