

Datasheet: AHP2604

BATCH NUMBER 141562

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.

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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.
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 Stabilisers	0.02% Sodium Azide

50% Glycerol

Immunogen	Phospho specific-peptide corresponding to residues surrounding tyrosine 1328 of human ErbB3
External Database Links	UniProt: P21860 Related reagents Entrez Gene: 2065 ERBB3 Related reagents
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 <i>et al.</i> 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	Store at -20°C Storage in frost-free freezers is not recommended. 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.
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: https://www.bio-rad-antibodies.com/SDS/AHP2604 10049
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

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

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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

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