

Datasheet: AHP2592

Description:	RABBIT ANTI EGF R (pTyr1086)
Specificity:	EGF R (pTyr1086)
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 - 1/2000

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
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to EGF R (pTyr1086) 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 1086 of human EGF R
External Database Links	<p>UniProt: P00533 Related reagents</p> <p>Entrez Gene: 1956 EGFR Related reagents</p>
Synonyms	ERBB1
Specificity	Rabbit anti EGF R (pTyr1086) antibody recognizes the epidermal growth factor receptor (EGF R),

also known as proto-oncogene c-ErbB-1 or receptor tyrosine-protein kinase erbB-1, when phosphorylated at tyrosine 1086. EGF R is a transmembrane glycoprotein and a member of the ErbB receptor tyrosine kinase family. EGF R is a cell surface receptor for members of the epidermal growth factor family. EGF R is involved in the activation of various downstream signaling pathways including phospholipase C gamma, STAT, PI3K and Ras/Raf/MAPK pathways ([Scaltriti and Baselga 2006](#)).

Upon ligand binding and receptor dimerization EGF R is autophosphorylated at tyrosine 1086.

Further Reading	1. Scaltriti, M. & Baselga, J. (2006) The epidermal growth factor receptor pathway: a model for targeted therapy. Clin Cancer Res. 12 (18): 5268-72.
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: 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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