

## Datasheet: AHP2588

<b>Description:</b>	RABBIT ANTI EGF R (pThr669)
<b>Specificity:</b>	EGF R (pThr669)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to EGF R (pThr669) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.02% Sodium Azide
<b>Stabilisers</b>	50% Glycerol
<b>Immunogen</b>	Phospho specific-peptide corresponding to residues surrounding threonine 669 of human EGF R
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P00533</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b>

---

<b>Synonyms</b>	ERBB1
-----------------	-------

---

<b>Specificity</b>	<p><b>Rabbit anti EGF R (pThr669) antibody</b> 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 threonine 669. 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.</p> <p>EGF R plays a role in numerous cellular processes such as cell proliferation and apoptosis through the activation of downstream signaling pathways (<a href="#">Scaltriti and Baselga 2006</a>).</p> <p>EGF R is phosphorylated at threonine 669 by p38 MAPK which contributes to receptor internalization (<a href="#">Winograd-Katz and Levitzki 2006</a>).</p>
--------------------	--

---

<b>Further Reading</b>	<ol style="list-style-type: none"><li>Scaltriti, M. &amp; Baselga, J. (2006) The epidermal growth factor receptor pathway: a model for targeted therapy. <a href="#">Clin Cancer Res. 12 (18): 5268-72.</a></li><li>Winograd-Katz, S.E. &amp; Levitzki, A. (2006) Cisplatin induces PKB/Akt activation and p38(MAPK) phosphorylation of the EGF receptor. <a href="#">Oncogene 25 (56): 7381-90.</a></li></ol>
------------------------	--

---

<b>Storage</b>	<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>
----------------	---

---

<b>Guarantee</b>	12 months from date of despatch
------------------	---------------------------------

---

<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10049 available at: 10049: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf</a>
--------------------------------------	---

---

<b>Regulatory</b>	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 \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

Tel: +49 (0) 89 8090 95 21

To

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

find a

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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

'M376930:210212'

**Printed on 29 Aug 2021**

---

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)