

Datasheet: VPA00900

**BATCH NUMBER 180704**

<b>Description:</b>	RABBIT ANTI EGF RECEPTOR
<b>Specificity:</b>	EGF R
<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 on immunogen
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide <50% Glycerol
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Synthetic peptide of human EGF R

**External Database  
Links**

**UniProt:**

[P00533](#)   [Related reagents](#)

**Entrez Gene:**

[1956](#)   EGFR   [Related reagents](#)

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**Synonyms**   ERBB1

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**Specificity**   **Rabbit anti Human EGF receptor antibody** recognizes the epidermal growth factor receptor, also known as cell proliferation-inducing protein 61, receptor tyrosine-protein kinase erbB-1, HER1, PIG61 and NISBD2.

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer (provided by RefSeq, Jun 2016).

Rabbit anti Human EGF receptor antibody detects a band of 175 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**   Anti EGF R antibody recognizes a band of approximately 175 kDa in A431 cell lysates

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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 #10049 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00900>  
10049

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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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