

Datasheet: 0300-0007

Description:	RABBIT ANTI HUMAN AMPHIREGULIN
Specificity:	AMPHIREGULIN
Other names:	CRDGF
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting			▪	

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 the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml
Immunogen	Synthetic peptide corresponding to the amino acids 108 - 126 of the native molecule conjugated to Keyhole limpet Haemocyanin.

Amino acid sequence: VKPPQNKTESENTSDKPKR

External Database**Links****UniProt:**

[P15514](#) [Related reagents](#)

Entrez Gene:

[727738](#) AREGB [Related reagents](#)

Synonyms

SDGF

RRID

AB_2060673

Specificity

Rabbit anti Human Amphiregulin antibody recognizes human amphiregulin, an epidermal growth factor (EGF)-related glycoprotein that is involved in the differentiation and proliferation of a wide range of cell types. These actions are mediated through binding to the EGF receptor.

The amino acid sequence of the peptide immunogen applies to the 252 amino acid precursor from the 'areg' gene. This contains sites that may be glycosylated in the native molecule.

Storage

Store at +4°C or at -20°C if preferred.
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

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.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](#)

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'M331453:180912'

Printed on 09 Feb 2021

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