

# R Cgref1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20491b

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">P97586</a>
<b>Reactivity</b>	Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Calculated MW</b>	30835
<b>Antigen Region</b>	220-248

## Additional Information

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<b>Gene ID</b>	245918
<b>Other Names</b>	Cell growth regulator with EF hand domain protein 1, Cell growth regulatory gene 11 protein, Hydrophobestin, Cgref1, Cgr11
<b>Target/Specificity</b>	This RAT Cgref1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 220-248 amino acids from the C-terminal region of rat Cgref1.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	R Cgref1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Cgref1 {ECO:0000312 RGD:620801}
<b>Synonyms</b>	Cgr11
<b>Function</b>	Mediates cell-cell adhesion in a calcium-dependent manner. Able to inhibit growth in several cell lines.

**Cellular Location**

Secreted.

**Tissue Location**

Expressed predominantly in whole brain and kidney, with limited expression in heart, lung, liver, and skeletal muscle and no expression in spleen and testis. Also expressed in pituitary gland, adrenal gland, digestive tract, and reproductive organs

## Background

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Mediates cell-cell adhesion in a calcium-dependent manner. Able to inhibit growth in several cell lines.

## References

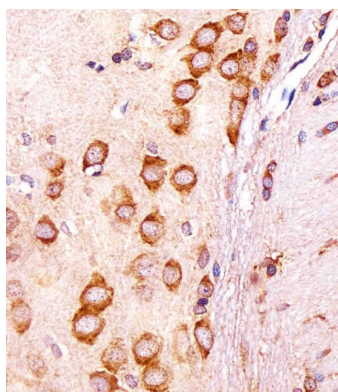
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Madden S.L., et al. Cancer Res. 56:5384-5390(1996).

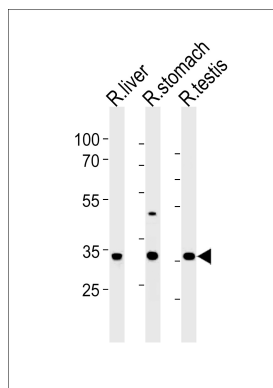
Devnath S., et al. Eur. J. Cell Biol. 88:521-529(2009).

## Images

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Immunohistochemical analysis of paraffin-embedded R. brain section using R Cgref1 Antibody (C-term)(Cat#AP20491B). AP20491B was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



RAT Cgref1 Antibody (C-term) (Cat. #AP20491b) western blot analysis in rat liver, stomach and testis tissue lysates (35ug/lane). This demonstrates the RAT Cgref1 antibody detected the RAT Cgref1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.