



Rabbit Anti-RhoGAP5 antibody

SL7380R

Product Name:	RhoGAP5
Chinese Name:	Rho GTP酶激活蛋白5抗体
Alias:	Arhgap5; Rho GTPase activating protein 5 ARHGAP 5; ARHGAP5; RHG05_HUMAN; p190 B; p190 RhoGAP; Rho GTPase activating protein 5; RhoGAP 5; RhoGAP; RhoGAP5.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	172kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RhoGAP5:251-350/1502
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Rho GTPase activating protein 5 negatively regulates RHO GTPases, a family which may mediate cytoskeleton changes by stimulating the hydrolysis of bound GTP. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function:

GTPase-activating protein for Rho family members. May play a role in the reduction of the p21rasGTPase-activating potential of RASA1/p120GAP.

Subcellular Location:

Cytoplasmic.

Tissue Specificity:

Expressed in kidney, brain, liver and lung.

Similarity:

Contains 4 FF domains.

Contains 1 Rho-GAP domain.

SWISS:

Q13017

Gene ID:

394

Database links:

Entrez Gene: 394 Human

Entrez Gene: 11855 Mouse

Entrez Gene: 299012 Rat

Omim: 602680 Human

SwissProt: Q13017 Human

SwissProt: P97393 Mouse

Unigene: 592313 Human

Unigene: 20898 Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.