

RhoGAP5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58657

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q13017
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	172460
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RhoGAP5
Epitope Specificity	251-350/1502
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasmic.
SIMILARITY	Contains 4 FF domains. Contains 1 Rho-GAP domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	394
Other Names	Rho GTPase-activating protein 5, Rho-type GTPase-activating protein 5, p190-B, ARHGAP5, RHOGAP5
Target/Specificity	Expressed in kidney, brain, liver and lung.
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	ARHGAP5
Synonyms	RHOGAP5
Function	GTPase-activating protein for Rho family members (PubMed: 8537347).
Cellular Location	Cytoplasm. Cell membrane; Peripheral membrane protein. Note=Also membrane-associated in a fibrillar pattern that colocalizes with the alpha5-beta1 integrin receptor (ITGA5/ITGB1) for fibronectin.
Tissue Location	Detected in skin fibroblasts (at protein level) (PubMed:8537347).

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