

### **RhoGAP5 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58657

### **Specification**

# **RhoGAP5 Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession Q13017

Reactivity Rat, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 172 KDa
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]

## **RhoGAP5 Polyclonal Antibody - Additional Information**

### Gene ID 394

#### **Other Names**

Rho GTPase-activating protein 5, Rho-type GTPase-activating protein 5, p190-B, ARHGAP5, RHOGAP5

## Target/Specificity

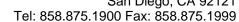
Expressed in kidney, brain, liver and lung.

#### **Dilution**

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class</pre>

="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class

="dilution\_IF">IF $\sim$ 1:50 $\sim$ 200</span><br \><span class ="dilution\_ICC">ICC $\sim$ N/A</span><br \><span class ="dilution\_E">E $\sim$ N/A</span>





## **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.

## **RhoGAP5 Polyclonal Antibody - Protein Information**

Name ARHGAP5

**Synonyms RHOGAP5** 

#### **Function**

GTPase-activating protein for Rho family members (PubMed: <a href="http://www.uniprot.org/citations/8537347" target=" blank">8537347</a>).

### **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).

# **RhoGAP5 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## **RhoGAP5 Polyclonal Antibody - Images**