

### **Anti-RAP1GAP Antibody**

Rabbit polyclonal antibody to RAP1GAP Catalog # AP59685

# **Specification**

### **Anti-RAP1GAP Antibody - Product Information**

Application WB, IHC
Primary Accession P47736
Other Accession A2ALS5

Reactivity Human, Mouse, Rat, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 73361

## **Anti-RAP1GAP Antibody - Additional Information**

**Gene ID 5909** 

#### **Other Names**

KIAA0474; RAP1GA1; Rap1 GTPase-activating protein 1; Rap1GAP; Rap1GAP1

### Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RAP1GAP. The exact sequence is proprietary.

#### Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200) IHC~~1:100~500

#### **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

### **Storage**

Store at -20 °C.Stable for 12 months from date of receipt

### **Anti-RAP1GAP Antibody - Protein Information**

# Name RAP1GAP

Synonyms KIAA0474, RAP1GA1

#### **Function**

GTPase activator for the nuclear Ras-related regulatory protein RAP-1A (KREV-1), converting it to the putatively inactive GDP- bound state.

#### **Cellular Location**

Golgi apparatus membrane; Peripheral membrane protein



### **Tissue Location**

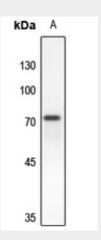
Significant expression seen in the brain, kidney and pancreas. Abundant in the cerebral cortex and expressed at much lower levels in the spinal cord. Not detected in the lymphoid tissues

### **Anti-RAP1GAP Antibody - Protocols**

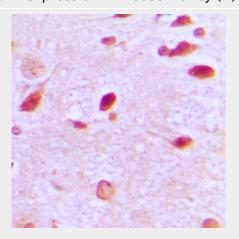
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

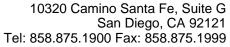
# Anti-RAP1GAP Antibody - Images

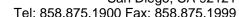


Western blot analysis of RAP1GAP expression in mouse kidney (A) whole cell lysates.



Immunohistochemical analysis of RAP1GAP staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.







# **Anti-RAP1GAP Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RAP1GAP. The exact sequence is proprietary.