

Anti-RAP1GAP Antibody

Rabbit polyclonal antibody to RAP1GAP Catalog # AP59685

Product Information

Application WB, IHC
Primary Accession P47736
Other Accession A2ALS5

Reactivity Human, Mouse, Rat, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 73361

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

(1/100 - 1/200)

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

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

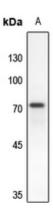
the cerebral cortex and expressed at much lower levels in the spinal cord. Not

detected in the lymphoid tissues

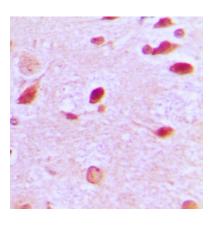
Background

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

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.

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