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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	Recognizes endogenous levels of RAP1GAP protein.
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

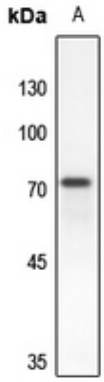
Protein Information

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

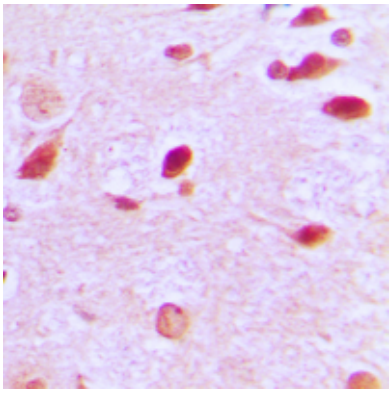
Background

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.