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RAP1GAP Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21784a

Product Information

Application	WB, E
Primary Accession	P47736
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53561
Calculated MW	73361

Additional Information

Gene ID	5909
Other Names	Rap1 GTPase-activating protein 1, Rap1GAP, Rap1GAP1, RAP1GAP, KIAA0474, RAP1GA1
Target/Specificity	This RAP1GAP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 105-128 amino acids from human RAP1GAP.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RAP1GAP Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

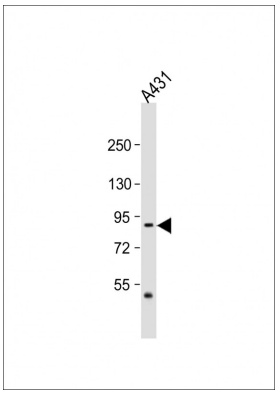
Background

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

References

Rubinfeld B.,et al.Cell 65:1033-1042(1991).
Seki N.,et al.DNA Res. 4:345-349(1997).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Mochizuki N.,et al.Nature 400:891-894(1999).

Images



Anti-RAP1GAP Antibody (N-Term) at 1:1000 dilution + A431 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 73 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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