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RAP1GAP Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP21784a

Specification

RAP1GAP Blocking Peptide (N-Term) - Product Information

Primary Accession P47736

RAP1GAP Blocking Peptide (N-Term) - Additional Information

Gene ID 5909

Other Names
Rap1 GTPase-activating protein 1, Rap1GAP, Rap1GAP1, RAP1GAP, KIAA0474, RAP1GA1

Target/Specificity
The synthetic peptide sequence is selected from aa 115-128 of HUMAN RAP1GAP

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RAP1GAP Blocking Peptide (N-Term) - 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

RAP1GAP Blocking Peptide (N-Term) - Protocols

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

- Blocking Peptides

RAP1GAP Blocking Peptide (N-Term) - Images

RAP1GAP Blocking Peptide (N-Term) - Background

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

RAP1GAP Blocking Peptide (N-Term) - 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).