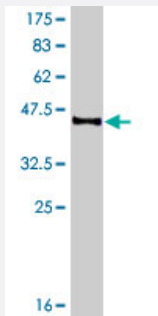


RAP1A polyclonal antibody (A01)

Catalog # H00005906-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (46.35 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant RAP1A.
Immunogen	RAP1A (AAH14086.1, 1 a.a. ~ 184 a.a) full-length recombinant protein with GST tag.
Sequence	MREYKLVVLGSGGVGKSALTVQFVQGIFVEKYDPTIEDSYRKQVEVDCQQCMLEILD TAGTEQFT AMRDLYMKNGQG FALVYSITAQSTFNDLQDLREQILRVKDTEDVPMILVGNKCDLEDERVVGKEQ GQNLARQWCNCAFLESSAKSKINVNEIFYDLVRQINRKTPVEKKKPKKKSCLLL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (46.35 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RAP1A

Entrez GeneID [5906](#)

GeneBank Accession# [BC014086](#)

Protein Accession# [AAH14086.1](#)

Gene Name RAP1A

Gene Alias KREV-1, KREV1, RAP1, SMGP21

Gene Description RAP1A, member of RAS oncogene family

Omim ID [179520](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The product of this gene belongs to the family of RAS-related proteins. These proteins share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between RAP proteins and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. The product of this gene counteracts the mitogenic function of RAS because it can interact with RAS GAPs and RAF in a competitive manner. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000013740|OTTHUMP00000013741|OTTHUMP00000059089|RAS-related protein RAP1A|Ras-related protein Krev-1|Ras-related protein Rap-1A

Pathway

- [Chemokine signaling pathway](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)

- [Neurotrophin signaling pathway](#)
- [Renal cell carcinoma](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Osteoporosis](#)
- [Thyroid Neoplasms](#)