

RAP2A antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15052**Specification**

RAP2A antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P10114
Other Accession	NM_021033 , NP_066361
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Sheep, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20kDa KDa

RAP2A antibody - N-terminal region - Additional Information**Gene ID** 5911

Alias Symbol	K-REV, KREV, RAP2, RbBP-30
Other Names	
Ras-related protein Rap-2a, RbBP-30, RAP2A	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-RAP2A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

RAP2A antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RAP2A antibody - N-terminal region - Protein Information**Name** RAP2A**Function**

Small GTP-binding protein which cycles between a GDP-bound inactive and a GTP-bound active form. In its active form interacts with and regulates several effectors including MAP4K4, MINK1 and TNIK. Part of a signaling complex composed of NEDD4, RAP2A and TNIK which regulates neuronal dendrite extension and arborization during development. More generally, it is part of several signaling cascades and may regulate cytoskeletal rearrangements, cell migration, cell adhesion and cell spreading.

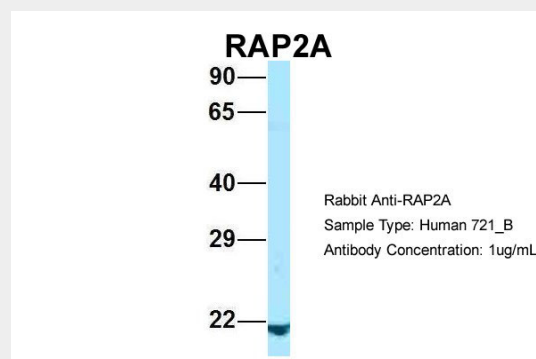
Cellular Location

Recycling endosome membrane; Lipid-anchor; Cytoplasmic side. Midbody. Note=May also localize to the Golgi (PubMed:7962206) and the gelatinase-containing granules of neutrophils (PubMed:8391995). Colocalizes with RASGEF1B to midbody at telophase (PubMed:23894443).

RAP2A antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RAP2A antibody - N-terminal region - Images

Host:Rabbit

Target Name:RAP2A

Sample Tissue:721_B

Antibody Dilution: 1.0µg/mlRAP2A is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

RAP2A antibody - N-terminal region - References

- Pizon V.,et al.Oncogene 3:201-204(1988).
Fan Z.S.,et al.Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.
Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham A.,et al.Nature 428:522-528(2004).