

RAB22A antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14117**Specification**

RAB22A antibody - middle region - Product Information

Application	IHC, WB
Primary Accession	P35285
Other Accession	NM_020673 , NP_065724
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22kDa KDa

RAB22A antibody - middle region - Additional Information**Gene ID** 19334**Alias Symbol** **MGC16770****Other Names**

Ras-related protein Rab-22A, Rab-22, Rab-14, Rab22a, Rab22

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-RAB22A 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

RAB22A antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

RAB22A antibody - middle region - Protein Information**Name** Rab22a**Synonyms** Rab22**Function**

Plays a role in endocytosis and intracellular protein transport (PubMed:19759177, PubMed:27718357). Mediates trafficking of TF from early endosomes to recycling endosomes. Required for NGF- mediated endocytosis of NTRK1, and subsequent neurite outgrowth. Binds GTP and GDP and has low GTPase

activity. Alternates between a GTP-bound active form and a GDP-bound inactive form (By similarity).

Cellular Location

Endosome membrane; Lipid-anchor. Cell membrane {ECO:0000250|UniProtKB:P51154}; Lipid-anchor. Early endosome Late endosome {ECO:0000250|UniProtKB:P51154}. Cell projection, ruffle {ECO:0000250|UniProtKB:Q9UL26}. Cytoplasmic vesicle. Cytoplasmic vesicle, phagosome {ECO:0000250|UniProtKB:Q9UL26}. Cytoplasmic vesicle, phagosome membrane; Lipid-anchor; Cytoplasmic side. Note=Recruited to phagosomes containing S.aureus or M.tuberculosis. {ECO:0000250|UniProtKB:Q9UL26}

Tissue Location

Detected in brain and heart, and at lower levels in lung and spleen.

RAB22A antibody - middle 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](#)

RAB22A antibody - middle region - Images

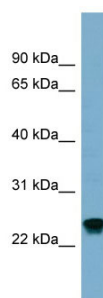


Lanes : Murin JAWS-II cells

Primary Antibody Dilution : 1:1000

Secondary Antibody : Anti-rabbit-FITC Secondary Antibody Dilution : 1:1500

Gene Name : Blue: Nucleus Green: Rab22a Submitted by : RAB22A



WB Suggested Anti-RAB22A Antibody Titration: 0.2-1 µg/ml

Positive Control: MCF7 cell lysate

RAB22A is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells

RAB22A antibody - middle region - References

Kussmann S., et al. Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.

Carninci P., et al. Science 309:1559-1563(2005).

Chavrier P., et al. Gene 112:261-264(1992).

Olkkonen V.M., et al. J. Cell Sci. 106:1249-1261(1993).

Zhu H., et al. Mol. Biol. Cell 20:4720-4729(2009).