

RAB6A Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50071**Specification**

RAB6A Antibody - Product Information

Application	WB
Primary Accession	P20340
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24,12,20 KDa
Antigen Region	129-156

RAB6A Antibody - Additional Information**Gene ID** 5870**Other Names**

Ras-related protein Rab-6A, Rab-6, RAB6A, RAB6

Dilution

WB~~ 1:1000

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

RAB6A Antibody - Protein Information**Name** RAB6A ([HGNC:9786](#))**Synonyms** RAB6**Function**

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes (PubMed:[25962623](http://www.uniprot.org/citations/25962623)). Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (PubMed:[25962623](http://www.uniprot.org/citations/25962623)). RAB6A acts as a regulator of COPI-independent retrograde transport from the Golgi apparatus towards the endoplasmic reticulum (ER) (PubMed:[25962623](http://www.uniprot.org/citations/25962623)). Has a low GTPase activity (PubMed:[25962623](http://www.uniprot.org/citations/25962623))

target="_blank">25962623). Recruits VPS13B to the Golgi membrane (PubMed:25492866). Plays a role in neuron projection development (Probable).

Cellular Location

Golgi apparatus membrane; Lipid- anchor. Cytoplasmic vesicle, secretory vesicle, acrosome membrane {ECO:0000250|UniProtKB:P35279}; Peripheral membrane protein. Note=BICD2 facilitates its targeting to Golgi apparatus membrane. [Isoform 2]: Golgi apparatus membrane; Lipid-anchor

Tissue Location

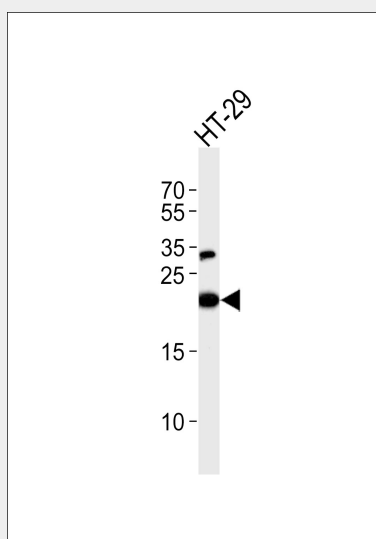
Ubiquitous..

RAB6A Antibody - 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](#)

RAB6A Antibody - Images



Western blot analysis of lysate from HT-29 cell line, using RAB6A Antibody (C18266). C18266 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

RAB6A Antibody - Background

Protein transport. Regulator of membrane traffic from the Golgi apparatus towards the endoplasmic reticulum (ER). Has a low GTPase activity.

RAB6A Antibody - References

Zahraoui A.,et al.J. Biol. Chem. 264:12394-12401(1989).
Caillol N.,et al.J. Cell. Biochem. 79:628-647(2000).
Shan J.,et al.Gene 257:67-75(2000).
Echard A.,et al.Mol. Biol. Cell 11:3819-3833(2000).
Barr F.A.,et al.Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.