

RAB18 Antibody (aa1-206)
Rabbit Polyclonal Antibody
Catalog # ALS15833**Specification**

RAB18 Antibody (aa1-206) - Product Information

Application	WB
Primary Accession	Q9NP72
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23kDa KDa

RAB18 Antibody (aa1-206) - Additional Information**Gene ID** 22931**Other Names**

Ras-related protein Rab-18, RAB18

Target/Specificity

Human RAB18.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

RAB18 Antibody (aa1-206) is for research use only and not for use in diagnostic or therapeutic procedures.

RAB18 Antibody (aa1-206) - Protein Information**Name** RAB18**Function**

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes (PubMed:24891604, PubMed:30970241). 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:24891604, PubMed:30970241). Required for the localization of ZFYVE1 to lipid droplets and for its function in mediating the formation of endoplasmic reticulum-lipid droplets (ER-LD) contacts (PubMed:30970241). Also required for maintaining endoplasmic reticulum structure (PubMed:24891604). Plays a role

in apical endocytosis/recycling (By similarity). Plays a key role in eye and brain development and neurodegeneration (PubMed:21473985).

Cellular Location

Apical cell membrane {ECO:0000250|UniProtKB:P35293}. Lipid droplet. Endoplasmic reticulum membrane

Tissue Location

Ubiquitous.

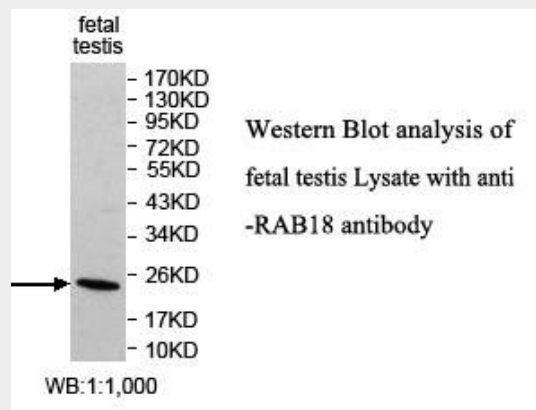
Volume

50 µl

RAB18 Antibody (aa1-206) - 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](#)

RAB18 Antibody (aa1-206) - Images

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RAB18 Antibody (aa1-206) - Background

Plays a role in apical endocytosis/recycling. May be implicated in transport between the plasma membrane and early endosomes. Plays a key role in eye and brain development and neurodegeneration.

RAB18 Antibody (aa1-206) - References

Chikri M.M.,et al.Submitted (APR-2000) to the EMBL/GenBank/DDBJ databases.
Schaefer U.,et al.FEBS Lett. 466:148-154(2000).

Dou T.,et al.DNA Seq. 16:230-234(2005).

Cui W.C.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.

Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.