

RAB34 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53316**Specification**

RAB34 Antibody - Product Information

Application	WB
Primary Accession	O9BZG1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29 KDa
Antigen Region	220-259aa

RAB34 Antibody - Additional Information**Gene ID** 83871**Other Names**

Ras-related protein Rab-34, Ras-related protein Rab-39, Ras-related protein Rah, RAB34, RAB39, RAH

Dilution

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol

Storage

Store at -20 °C.Stable for 12 months from date of receipt

RAB34 Antibody - Protein Information**Name** RAB34**Synonyms** RAB39, RAH**Function**

Transport protein involved in the redistribution of lysosomes to the peri-Golgi region (PubMed:27113757). Plays a role in the maturation of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis (PubMed:21255211). Plays a role in the fusion of phagosomes with lysosomes (PubMed:21255211). Involved in ciliogenesis (PubMed:37384395). Acts also as a positive regulator of hedgehog signaling and regulates ciliary function (By similarity).

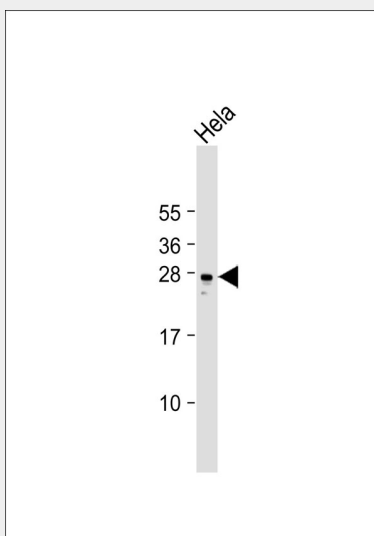
Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q64008}. Golgi apparatus {ECO:0000250|UniProtKB:Q64008}. Cytoplasmic vesicle, phagosome. Cytoplasmic vesicle, phagosome membrane; Lipid-anchor; Cytoplasmic side. Cell projection, cilium {ECO:0000250|UniProtKB:Q64008}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=Recruited to phagosomes containing S.aureus or M.tuberculosis (PubMed:21255211).

RAB34 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](#)

RAB34 Antibody - Images

Anti-RAB34 Antibody at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 29 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RAB34 Antibody - Background

Protein transport. Involved in the redistribution of lysosomes to the peri-Golgi region (By similarity). Plays a role in the maturation of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Plays a role in the fusion of phagosomes with lysosomes.

RAB34 Antibody - References

Hong W.,et al.Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.
Stanchi F.,et al.Submitted (MAR-2000) to the EMBL/GenBank/DDBJ databases.

Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Zody M.C., et al. Nature 440:1045-1049(2006).