

RAB26 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17594b**Specification**

RAB26 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O9ULW5](#)**RAB26 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 25837**Other Names**

Ras-related protein Rab-26, RAB26

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RAB26 Antibody (C-term) Blocking Peptide - Protein Information**Name** RAB26 ([HGNC:14259](#))**Function**

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). RAB26 mediates transport of ADRA2A and ADRA2B from the Golgi to the cell membrane (PubMed:23105096). Plays a role in the maturation of zymogenic granules and in pepsinogen secretion in the stomach (PubMed:20038531). Plays a role in the secretion of amylase from acinar granules in the parotid gland (By similarity).

Cellular Location

Golgi apparatus membrane; Lipid-anchor; Cytoplasmic side. Cytoplasmic vesicle, secretory vesicle membrane; Lipid-anchor; Cytoplasmic side. Note=Not localized at the plasma membrane (By similarity). Inhibition of S-geranylgeranyl cysteine formation abolishes membrane location. {ECO:0000250|UniProtKB:P51156}

Tissue Location

Predominantly expressed in brain.

RAB26 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RAB26 Antibody (C-term) Blocking Peptide - Images

RAB26 Antibody (C-term) Blocking Peptide - Background

Members of the RAB protein family, including RAB26, are important regulators of vesicular fusion and trafficking. The RAB family of small G proteins regulates intercellular vesicle trafficking, including exocytosis, endocytosis, and recycling (summary by Seki et al., 2000 [PubMed 11043516]). [supplied by OMIM].

RAB26 Antibody (C-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Tian, X., et al. Mol. Cell. Biol. 30(5):1269-1284(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Swick, L., et al. J. Neurochem. 97(5):1447-1455(2006) Martin, J., et al. Nature 432(7020):988-994(2004)