

Rab 26 Polyclonal Antibody

Catalog # AP73258

Specification

Rab 26 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB, IHC-P <u>O9ULW5</u> Human, Mouse, Rat Rabbit Polyclonal

Rab 26 Polyclonal Antibody - Additional Information

Gene ID 25837

Other Names RAB26; Ras-related protein Rab-26

Dilution WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

Rab 26 Polyclonal Antibody - Protein Information

Name RAB26 (<u>HGNC:14259</u>)

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:http://www.uniprot.org/citations/23105096"

target="_blank">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.

Rab 26 Polyclonal Antibody - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- <u>Flow Cytomety</u>
- <u>Cell Culture</u>

Rab 26 Polyclonal Antibody - Images













Rab 26 Polyclonal Antibody - Background

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. Mediates transport of ADRA2A and ADRA2B from the Golgi to the cell membrane. Plays a role in the maturation of zymogenic granules and in pepsinogen secretion in the stomach. Plays a role in the secretion of amylase from acinar granules in the parotid gland.