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Rab 26 Polyclonal Antibody

Catalog # AP73258

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9ULW5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27900

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~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/40000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

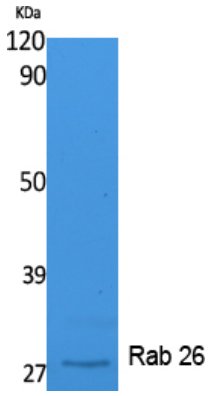
Name	RAB26 (HGNC:14259)
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different 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.

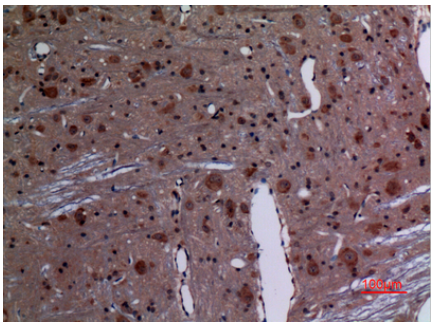
Background

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.

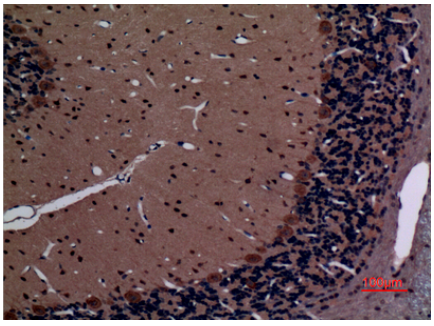
Images



Western Blot analysis of extracts from K562 cells, using Rab 26 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.