
Product Name: Rab 24 Rabbit Polyclonal Antibody**Catalog #: APRab16745**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000

Molecular Weight

Antigen Information

Gene Name	RAB24
Alternative Names	RAB24; Ras-related protein Rab-24
Gene ID	53917.0
SwissProt ID	Q969Q5
Immunogen	Synthesized peptide derived from Rab 24 . at AA range: 90-170

Background

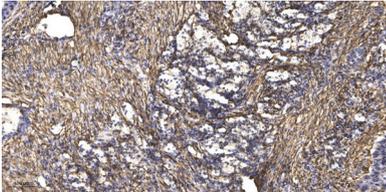
RAB24 is a small GTPase of the Rab subfamily of Ras-related proteins that regulate intracellular protein trafficking (Olkkonen et al., 1993 [PubMed 8126105]).[supplied by OMIM, Aug 2009],function:May be involved in autophagy-related

processes.,induction:By extensive retinoic acid treatment, in Ntera-2 teratoma cell line induced to differentiate into post-mitotic neurons (NTN2) (at protein level),miscellaneous:The unusual Ser-67, instead of a conserved Gln in other family members, is the cause of low GTPase activity. As a result, the predominant nucleotide associated with the protein is GTP.,PTM:Isoprenylation is inefficient compared to other Rab family members.,similarity:Belongs to the small GTPase superfamily. Rab family.,subcellular location:Only about 20-25% is recovered in the particulate fraction.,subunit:Unlike other Rab family members, does not interact with GDP dissociation inhibitors (GDIs), including ARHGDI and ARHGDI B.,

Research Area

Cardiovascular; Heart; Autophagy; APG gene products; Cancer; Signal transduction; Autophagy; Metabolism; Pathways and Processes; Metabolism processes; Autophagy and mitophagy; APG gene products

Image Data



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200 (4° overnight) . 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .