

RAB3B Mouse mAb

Catalog # AP99990

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P20337
Other Accession	P20337
Reactivity	Mouse
Predicted	Rat, Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	24758
Physical State	Liquid
Immunogen	Recombinant human RAB3B
Isotype	IgG1, k
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the small GTPase superfamily. Rab family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	RAB3B (RAB3B, Member RAS Oncogene Family) is a Protein Coding gene. Among its related pathways are Sertoli-Sertoli Cell Junction Dynamics and Tight junction. GO annotations related to this gene include GTP binding and GDP binding. An important paralog of this gene is RAB37.

Additional Information

Gene ID	5865
Other Names	2610528C18Rik; RAB3B_HUMAN; RAB3B; 3.6.5.2; RAB3B_MOUSE; RAB3B_RAT; RAB3B, member RAS oncogene family
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:20-200,ICC/IF=1:100-500,IF=1:20-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	RAB3B (HGNC:9778)
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with

membranes (PubMed:[35871249](#)). Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (PubMed:[35871249](#)).

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus {ECO:0000250|UniProtKB:Q9CZT8}. Note=Colocalizes with DRC4 in the Golgi apparatus. {ECO:0000250|UniProtKB:Q9CZT8}

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