

**RAB3B Antibody**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM8487b****Specification**

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**RAB3B Antibody - Product Information**

Application	<b>WB, IHC-P, FC,E</b>
Primary Accession	<a href="#">P20337</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Mouse</b>
Clonality	<b>monoclonal</b>
Isotype	<b>IgG1,k</b>
Calculated MW	<b>24758</b>

**RAB3B Antibody - Additional Information****Gene ID** 5865**Other Names**

Ras-related protein Rab-3B, RAB3B

**Target/Specificity**

This RAB3B antibody is generated from a mouse immunized with a recombinant protein of human RAB3B.

**Dilution**

WB~~1:2000

IHC-P~~1:25

FC~~1:25

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

RAB3B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**RAB3B Antibody - Protein Information****Name** RAB3B**Function** Protein transport. Probably involved in vesicular traffic (By similarity).**Cellular Location**

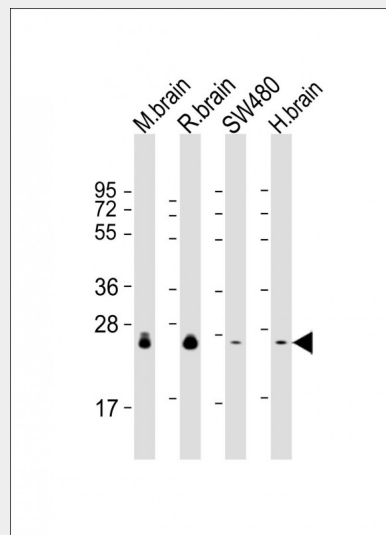
Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus  
{ECO:0000250|UniProtKB:Q9CZT8}. Note=Colocalizes with GAS8/DRC4 in the Golgi apparatus.  
{ECO:0000250|UniProtKB:Q9CZT8}

## RAB3B Antibody - Protocols

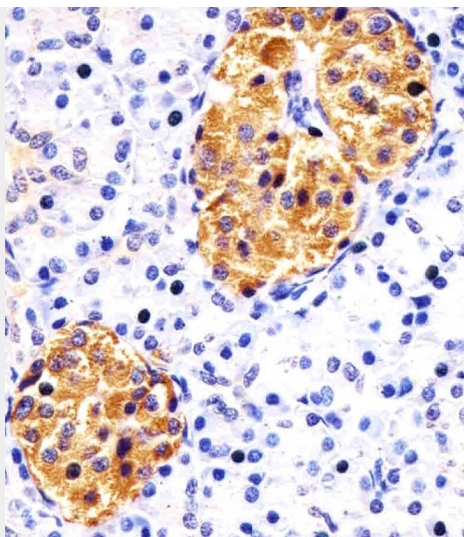
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

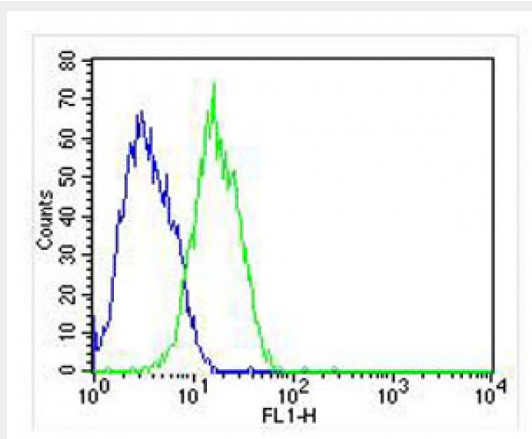
## RAB3B Antibody - Images



All lanes : Anti-RAB3B Antibody at 1:2000 dilution Lane 1: mouse brain lysate Lane 2: rat brain lysate Lane 3: SW480 whole cell lysate Lane 4: human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDN/TBST.



AM8487b staining RAB3B in human pancreas sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing HepG2 cells stained with AM8487b (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AM8487b, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Mouse IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed (NA168821) at 1/400 dilution for 40 min at 37°C. Isotype control antibody (blue line) was mouse IgG (1 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.

### **RAB3B Antibody - Background**

Protein transport. Probably involved in vesicular traffic (By similarity).

### **RAB3B Antibody - References**

- Zahraoui A., et al. *J. Biol. Chem.* 264:12394-12401(1989).  
 Puhl H.L. III, et al. Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.  
 Gregory S.G., et al. *Nature* 441:315-321(2006).  
 Rigbolt K.T., et al. *Sci. Signal.* 4:RS3-RS3(2011).

