

RAB3d Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Mouse, Rat
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues M(1) A S A S E P P A S P R D A A D Q N(18) of rat RAB3D.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2177236

Applications	Tested Dilution	Publications
Western Blot (WB)	2.0 µg/mL	-
Immunohistochemistry (IHC)	-	2 Publications
Immunocytochemistry (ICC/IF)	2 µg/mL	-

Product Specific Information

PA1-773 detects recombinant rat and mouse rab 3D. This antibody does not detect rab 3A, 3B, or 3C.

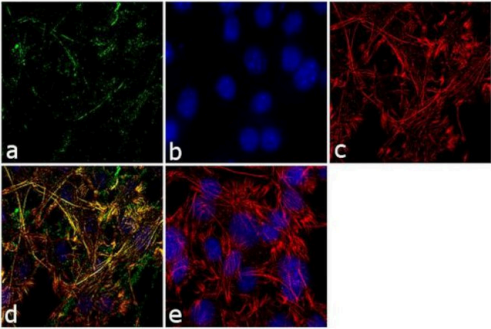
PA1-773 has been successfully used in Western blot procedures. By Western blot, this antibody detects an ~29 kDa protein representing recombinant mouse rab 3D.

PA1-773 immunogen is a synthetic peptide corresponding to residues M(1) A S A S E P P A S P R D A A D Q N(18) of rat RAB3D. This sequence is completely conserved in mouse. This immunizing peptide (Cat. # PEP-144) is available for use in neutralization and control experiments.

Product Images For RAB3d Polyclonal Antibody

RAB3d Antibody (PA1-773) in ICC/IF

Immunofluorescence analysis of RAB3D was performed using 70% confluent log phase 3T3-L1 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with RAB3D Rabbit Polyclonal Antibody (Product # PA1-773) at 2µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor® 555 Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing membranous localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



2 References

Immunohistochemistry (2)

<p>The Histochemical journal</p> <p>Immunohistochemical localization and mRNA detection of Rab3D and/or Rab3B in rat von Ebner's glands, parotid gland, pancreas, and liver.</p> <p>"PA1-773 was used in immunohistochemistry to investigate the distribution of Rab3D/B in rat organs"</p> <p>Authors: Field RB,Kruse DH,Redman RS</p>	<p>Year 2001</p> <p>Species Rat</p> <p>Dilution 1:25</p>
<p>Biochemical and biophysical research communications</p> <p>Role of actin in regulated exocytosis and compensatory membrane retrieval: insights from an old acquaintance.</p> <p>"PA1-773 was used in immunohistochemistry to investigate the importance of actin in exocytosis and reciprocal membrane retrieval in pancreatic acinar cells"</p> <p>Authors: Valentijn K,Valentijn JA,Jamieson JD</p>	<p>Year 1999</p> <p>Species Rat</p>

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