Datasheet for ABIN908332

anti-PITPNM1 antibody (AA 1001-1100) (Cy3)

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Overview

Quantity:	100 µL
Target:	PITPNM1
Binding Specificity:	AA 1001-1100
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PITPNM1 antibody is conjugated to Cy3
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NIR2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PITPNM1
Alternative Name:	NIR2 (PITPNM1 Products)

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Target Details

Background:	Synonyms: membrane-associated 1, DRES9, Drosophila retinal degeneration B, Drosophila retinal degeneration B homolog, Membrane-associated phosphatidylinositol transfer protein 1, NIR 2, NIR-2, NIR2, Phosphatidylinositol transfer protein, phosphatidylinositol transfer protein membrane associated, phosphatidylinositol transfer protein membrane-associated, PITM1_HUMAN, PITPnm 1, PITPNM, Pitpnm1, PYK2 N terminal domain interacting receptor 2, PYK2 N-terminal domain-interacting receptor 2, RD 9, RD9, RDGB, RDGB1, RDGBA1, retinal degeneration B alpha 1. Background: Regulates RHOA activity, and plays a role in cytoskeleton remodeling. Necessary for normal completion of cytokinesis. Plays a role in maintaining normal diacylglycerol levels in the Golgi apparatus. Binds phosphatidyl inositol phosphates (in vitro). May catalyze the transfer of phosphatidylinositol and phosphatidylcholine between membranes (By similarity). Necessary for maintaining the normal structure of the endoplasmic reticulum and the Golgi apparatus. Required for protein export from the endoplasmic reticulum and the Golgi. Binds calcium ions.
Gene ID:	9600

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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