PITPNM1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PITPNM1, Polyclonal Antibody
Full Product Name	PITPNM1, NT (PITPNM1, DRES9, NIR2, PITPNM, Membrane-associated phosphatidylinositol transfer protein 1, Drosophila retinal degeneration B homolog, Phosphatidylinositol transfer protein, membrane-associated 1, Pyk2 N-terminal domain-interacting receptor 2)
Product Gene Name	anti-PITPNM1 antibody
Product Synonym Names	PITPNM1; DRES9; NIR2; PITPNM; Membrane-associated phosphatidylinositol transfer protein 1; Drosophila retinal degeneration B homolog; Phosphatidylinositol transfer protein; membrane-associated 1; Pyk2 N-terminal domain-interacting receptor 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	134,777 Da
OMIM	608794
3D Structure	ModBase 3D Structure for O00562
Immunogen	PITPNM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 142-171 amino acids from the N-terminal region of human PITPNM1.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-PITPNM1 antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-PITPNM1 antibody	Western Blot (WB), FLISA
Application Notes for anti-PITPNM1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-PITPNM1 antibody	PITPNM1 belongs to a family of membrane-associated phosphatidylinositol transfer domain-containing proteins that share homology with the Drosophila retinal degeneration B (rdgB) protein (Ocaka et al., 2005 [PubMed 15627748]).
Product References and Citations for anti-PITPNM1 antibody	Burgis, N.E., et al. J. Biol. Chem. 282(6):3531-3538(2007). Olsen, J.V., et al. Cell 127(3):635-648(2006). Litvak, V., et al. Nat. Cell Biol. 7(3):225-234(2005). Amarilio, R., et al. J. Biol. Chem. 280(7):5934-5944(2005). Ocaka, L., et al. Cytogenet. Genome Res. 108(4):293-302(2005).

Other Notes	Small volumes of anti-PITPNM1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PITPNM1 purchase	MBS6334239 is an antibody targeting PITPNM1. Also known as PITPNM1, NT (PITPNM1, DRES9, NIR2, PITPNM, Membrane-associated phosphatidylinositol transfer protein 1, Drosophila retinal degeneration B homolog, Phosphatidylinositol transfer protein, membrane-associated 1, Pyk2 N-terminal domain-interacting receptor 2). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PITPNM1. It may not necessarily be applicable to this product.

NCBI GI #	195927015
NCBI GeneID	9600
NCBI Accession #	NP_004901.2
NCBI Related Accession #	NP_001124320.1
UniProt Primary Accession #	O00562
UniProt Secondary Accession #	Q6T7X3; Q8TBN3; Q9BZ73; A6NME4
UniProt Related Accession #	O00562
GenBank Nucleotide #	NM_004910.2
NCBI Official Full Name	membrane-associated phosphatidylinositol transfer protein 1 isoform a
NCBI Official Synonym Full Names	phosphatidylinositol transfer protein, membrane-associated 1
NCBI Official Symbol	PITPNM1
NCBI Official Synonym Symbols	Rd9; NIR2; RDGB; DRES9; RDGB1; RDGBA; PITPNM; RDGBA1
UniProt Protein Name	Membrane-associated phosphatidylinositol transfer protein 1
UniProt Synonym Protein Names	Drosophila retinal degeneration B homolog; Phosphatidylinositol transfer protein, membrane-associated 1; PITPnm 1; Pyk2 N-terminal domain-interacting receptor 2
Protein Family	Membrane-associated phosphatidylinositol transfer protein
UniProt Gene Name	PITPNM1
UniProt Synonym Gene Names	DRES9; NIR2; PITPNM
UniProt Entry Name	PITM1_HUMAN
NCBI Protein Information	membrane-associated phosphatidylinositol transfer protein 1; NIR-2; PITPnm 1; retinal degeneration B alpha 1; drosophila retinal degeneration B homolog; PYK2 N-terminal domain-interacting receptor 2
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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