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## Datasheet for ABIN1387251 **anti-NIR1 antibody (AA 131-250)**

### Overview

Quantity:	100 µL
Target:	NIR1 (PITPNM3)
Binding Specificity:	AA 131-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NIR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NIR1/RDGBA3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	NIR1 (PITPNM3)
Alternative Name:	NIR1 ( <a href="#">PITPNM3 Products</a> )

## Target Details

Background:	<p>Synonyms: membrane-associated 3, CORD5, Membrane associated phosphatidylinositol transfer protein 3, Membrane-associated phosphatidylinositol transfer protein 3, NIR 1, NIR-1, NIR1, Phosphatidylinositol transfer protein, Phosphatidylinositol transfer protein, membrane-associated 3, PITM3_HUMAN, PITPnm 3, PITPNM, PITPNM family member 3, Pitpnm3, PYK2 N terminal domain interacting receptor 1, PYK2 N-terminal domain-interacting receptor 1, RDGBA3, retinal degeneration B alpha 3.</p> <p>Background: Catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes (in vitro) (By similarity). Binds calcium ions.Involvement in disease:Defects in PITPNM3 are the cause of cone-rod dystrophy type 5 (CORD5) . CORDs are inherited retinal dystrophies belonging to the group of pigmentary retinopathies. CORDs are characterized by retinal pigment deposits visible on fundus examination, predominantly in the macular region, and initial loss of cone photoreceptors followed by rod degeneration.</p>
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Gene ID:	83394
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## Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C

Handling

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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months