DATASHEET

Nir2 Rabbit Polyclonal Antibody

CAT. NO. APA16507

KEY FEATURES

Target	Nir2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Catalyzes the transfer of phosphatidylinositol (PI) between membranes between membranes . Binds PI, phosphatidylcholine (PC) and phosphatidic acid (PA) with the binding affinity order of PI > PA > PC . 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 . 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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to Nir2
Specificity	Recognizes endogenous levels of Nir2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Nir2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 134 kD; Observed: 150 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	DRES9; NIR2; PITPNM; Membrane-associated phosphatidylinositol transfer protein 1; Drosophila retinal degeneration B homolog; Phosphatidylinositol transfer protein membrane-associated 1; PITPnm 1; Pyk2 N-terminal domain-interacting receptor 2; NIR-2
Gene Symbol	PITPNM1
Entrez Gene	9600(Human); 18739(Mouse); 361694(Rat)
SwissProt	O00562(Human); O35954(Mouse); Q5U2N3(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

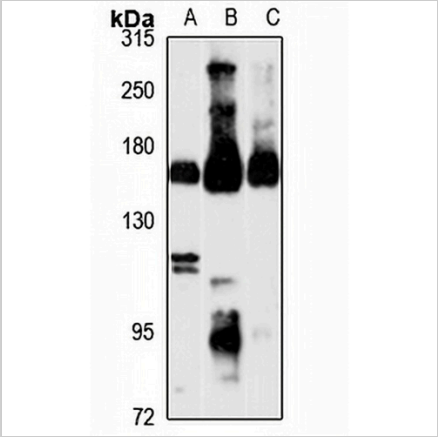
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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Western blot analysis of Nir2 expression in LO2 (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 134 kD; Observed band size: 150 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.