abcam

Product datasheet

Anti-PLA1A/NMD antibody ab104003

2 Images

Overview

Product name	Anti-PLA1A/NMD antibody
Description	Rabbit polyclonal to PLA1A/NMD
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse, Human
Immunogen	Synthetic peptide corresponding to Human PLA1A/NMD aa 336-366 (internal sequence) conjugated to keyhole limpet haemocyanin.
Positive control	CEM cell line and Mouse liver tissue lysates.
General notes	This product was previously labelled as PLA1A

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Purification notes	ab104003 is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab104003 in the following tested applications.

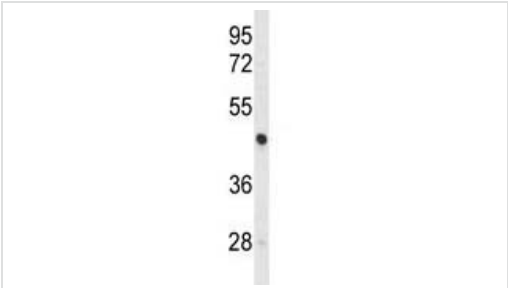
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 50 kDa.

Target

Function	Hydrolyzes the ester bond at the sn-1 position of glycerophospholipids and produces 2-acyl lysophospholipids. Hydrolyzes phosphatidylserine (PS) in the form of liposomes and 1-acyl-2 lysophosphatidylserine (lyso-PS), but not triolein, phosphatidylcholine (PC), phosphatidylethanolamine (PE), phosphatidic acid (PA) or phosphatidylinositol (PI). Isoform 2 hydrolyzes lyso-PS but not PS. Hydrolysis of lyso-PS in peritoneal mast cells activated by receptors for IgE leads to stimulate histamine production.
Tissue specificity	Widely expressed. Expressed in placenta, prostate and liver. Weakly or not expressed in skin, leukocytes, platelets, colon, spleen, lung, muscle and kidney.
Sequence similarities	Belongs to the AB hydrolase superfamily. Lipase family.
Cellular localization	Secreted.

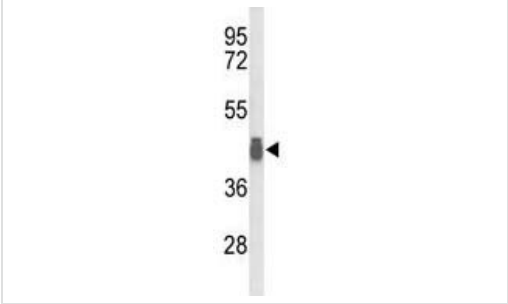
Images



Western blot - Anti-PLA1A/NMD antibody (ab104003)

Anti-PLA1A/NMD antibody (ab104003) at 1/100 dilution + CEM cell line lysates at 35 µg

Predicted band size: 50 kDa



Western blot - Anti-PLA1A/NMD antibody (ab104003)

Anti-PLA1A/NMD antibody (ab104003) at 1/100 dilution + Mouse liver tissue lysates at 35 µg

Predicted band size: 50 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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