antibodies

Datasheet for ABIN7146392 anti-PNPLA8 antibody (AA 158-345)

3 Images



Overview

Quantity:	100 µg
Target:	PNPLA8
Binding Specificity:	AA 158-345
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPLA8 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

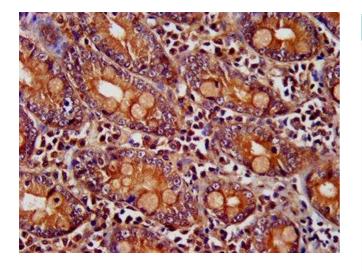
Immunogen:	Recombinant Human Calcium-independent phospholipase A2-gamma protein (158-345AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

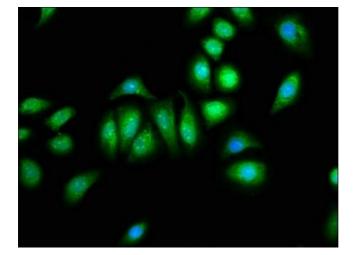
Target Details

Target:	PNPLA8
Alternative Name:	PNPLA8 (PNPLA8 Products)
Background:	Background: Calcium-independent phospholipase A2, which catalyzes the hydrolysis of the sn-2
	position of glycerophospholipids, PtdSer and to a lower extent PtdCho. Cleaves membrane

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	phospholipids. Aliases: Calcium-independent phospholipase A2-gamma antibody, Intracellular membrane associated calcium independent phospholipase A2 gamma antibody, Intracellular membrane- associated calcium-independent phospholipase A2 gamma antibody, IPLA2 2 antibody, iPLA2 gamma antibody, IPLA2(GAMMA) antibody, iPLA2-2 antibody, iPLA2-gamma antibody, IPLA22
	antibody, IPLA2G antibody, Patatin like phospholipase domain containing protein 8 antibody, Patatin-like phospholipase domain-containing protein 8 antibody, PLPL8_HUMAN antibody,
	PNPLA-gamma antibody, PNPLA8 antibody
UniProt:	Q9NP80
Application Details	
Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunohistochemistry

Image 1. IHC image of ABIN7146392 diluted at 1:400 and staining in paraffin-embedded human small intestine tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunohistochemistry

Image 2. IHC image of ABIN7146392 diluted at 1:400 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunofluorescence

Image 3. Immunofluorescence staining of A549 cells with ABIN7146392 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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