antibodies -online.com





anti-PNPLA2 antibody (Internal Region)

2 Images



Go to Product page

Overview

Quantity:	100 μg
Target:	PNPLA2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PNPLA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	ATGL / Desnutrin
Immunogen:	Peptide with sequence C-NIIEVSKEARKR, from the internal region of the protein sequence according to NP_065109.1.
Sequence:	NIIEVSKEAR KR
Isotype:	IgG
Specificity:	Pease note this antibody was designed using the Mouse sequence NP_080078.1, which differs by 2 amino acids from the Human sequence NP_065109.1.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details Verified Grade: **Target Details** PNPLA2 Target: Alternative Name PNPLA2 (PNPLA2 Products) Background: ATGL, DESNUTRIN, PNPLA2, patatin-like phospholipase domain containing 2, 1110001C14Rik, DKFZp667M109, FP17548, PEDF-R, TTS-2.2, TTS2, adipose triglyceride lipase, pigment epithelium-derived factor, transport-secretion protein 2.2, triglyceride hydrolase Gene ID: 57104, 66853, 361676 NCBI Accession: NP 065109 **Application Details Application Notes:** Immunohistochemistry: In paraffin embedded Human Heart shows intense staining of distinct spots in the myocardial fibres in transverse section. Recommended concentration: 2-3 µg/mL. Western Blot: Approx 60 kDa band observed in Human Adipose lysates (calculated MW of 55.3 kDa according to NP_065109.1). Recommended concentration: 0.5-2 μg/mL. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Testis for this part Peptide ELISA: antibody detection limit dilution 1:32000. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Minimize freezing and thawing.

-20 °C

Handling Advice:

Storage:

Storage Comment:

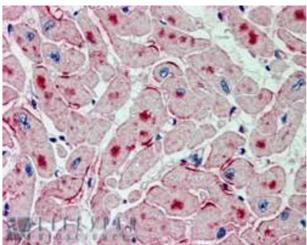
Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Western Blotting

Image 1. ABIN190844 ($0.5\mu g/ml$) staining of Human Adipose lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 2. ABIN190844 (2.5µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.