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anti-PNPLA2 antibody (Internal Region)





Go to Product page

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

Product Details

| Purpose: | PNPLA2 / Desnutrin |
|-------------------|--|
| - пирозе. | THE LAZ / Destruction |
| Immunogen: | Peptide with sequence C-HFNSKDELIQAN, from the internal region of the protein sequence |
| | according to NP_065109.1. |
| Sequence: | HFNSKDELIQ AN |
| Isotype: | IgG |
| Cross-Reactivity: | Cow, Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity |
| | chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

| rarget Details | |
|---------------------|--|
| Target: | PNPLA2 |
| Alternative Name: | PNPLA2 (PNPLA2 Products) |
| Background: | PNPLA2, desnutrin, patatin-like phospholipase domain containing 2, 1110001C14Rik, ATGL, 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 |
| NCBI Accession: | NP_065109 |
| Application Details | |
| Application Notes: | Western Blot: Approx 60 kDa band observed in Human Heart lysates (calculated MW of 55.3 kDa according to NP_065109.1). Recommended concentration: 0.03-0.1 µg/mL. Primary incubation was 1 hour. This antibody has been successfully used in WB on Mouse, PMID: 2 Peptide ELISA: antibody detection limit dilution 1:128000. |
| Comment: | Immunofluorescence: This antibody has been successfully used in IF on Human in the following papers, PMID: 33160079. |
| 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. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerate at 4°C for a few weeks and still remain viable. |

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Western Blotting

Image 1. ABIN334463 (0.03µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.