

Goat anti-PNPLA2 / Desnutrin Antibody

Item Number	dAP-1379
Target Molecule	Principle Name: PNPLA2 / Desnutrin; Official Symbol: PNPLA2; All Names and Symbols: 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; Accession Number (s): NP_065109.1; Human Gene ID(s): 57104; Non-Human GeneID(s):
Immunogen	HFNSKDELIQAN, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Heart lysates (calculated MW of 55.3kDa according to NP_065109.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Steinberg GR, Kemp BE, Watt MJ. Adipocyte triglyceride lipase expression in human obesity. Am J Physiol Endocrinol Metab. 2007 Oct;293(4):E958-64. Epub 2007 Jul 3..PMID: 17609260 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**