

Goat anti-PNPLA2 / ATGL Antibody

Item Number	dAP-1364
Target Molecule	Principle Name: PNPLA2 / ATGL; Official Symbol: PNPLA2; All Names and Symbols: PNPLA2; ATGL; patatin-like phospholipase domain containing 2; 1110001C14Rik; DKFZp667M109; FP17548; TTS-2.2 ; adipose triglyceride lipase; desnutrin; transport-secretion protein 2.2; triglyceride hydrolase; Accession Number (s): NP_065109.1; Human Gene ID(s): 57104; Non-Human GeneID(s):
Immunogen	PARPHGPEDKDQ, 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 8000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Adipose lysates (calculated MW of 55.3kDa according to NP_065109.1). Recommended concentration: 0.2-0.6µg/ml.
IHC	
Reference	Reference(s): Schoenborn V, Heid IM, Vollmert C, Lingenhel A, Adams TD, Hopkins PN, Illig T, Zimmermann R, Zechner R, Hunt SC, Kronenberg F. The ATGL gene is associated with free fatty acids, triglycerides, and type 2 diabetes. Diabetes. 2006 May;55(5):1270-5. PMID: 16644682 ->

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**