



## Goat anti-DGAT1 (aa67-79) Antibody

<b>Item Number</b>	dAP-2897
<b>Target Molecule</b>	Principle Name: DGAT1 (aa67-79); Official Symbol: DGAT1; All Names and Symbols: DGAT1; diacylglycerol O-acyltransferase 1; ARGP1; DGAT; ACAT related gene product 1; ACAT-related gene product 1; acyl coenzyme A:cholesterol acyltransferase related gene 1; diacylglycerol O-acyltransferase homolog 1; diglyceride acyltransferase; Accession Number (s): NP_036211.2; Human Gene ID(s): 8694; Non-Human Gene-ID(s):
<b>Immunogen</b>	RCHRLQDSLFSDD, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 50+55kDa bands observed in Mouse Duodenum lysates (calculated MW of 56.8kDa according to Mouse NP_034176.1). Recommended concentration: 0.5-2µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Herker E, Harris C, Hernandez C, Carpentier A, Kaehlcke K, Rosenberg AR, Farese RV Jr, Ott M. Efficient hepatitis C virus particle formation requires diacylglycerol acyltransferase-1. Nat Med. 2010 Nov;16(11):1295-8..PMID: 20935628->

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**