

Goat anti-MOGAT2 Antibody

Item Number	dAP-2215
Target Molecule	Principle Name: MOGAT2; Official Symbol: MOGAT2; All Names and Symbols: MOGAT2; monoacylglycerol O-acyltransferase 2; DGAT2L5; FLJ22644; MGAT2; MGC119183; MGC119184; MGC119185; acyl CoA:monoacylglycerol acyltransferase 2; Accession Number (s): NP_079374.2; Human Gene ID(s): 80168; Non-Human GeneID(s):
Immunogen	KESAAHILNRK, 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 32000.
Western Blot	Western Blot: Approx 37kDa band observed in Human Colon, Duodenum and Ileum lysates (calculated MW of 38.2kDa according to NP_079374.2). Recommended concentration: 0.05-0.2µg/ml.
IHC	
Reference	Reference(s): Cao J, Hawkins E, Brozinick J, Liu X, Zhang H, Burn P, Shi Y, A predominant role of acyl-CoA:monoacylglycerol acyltransferase-2 in dietary fat absorption implicated by tissue distribution, subcellular localization, and up-regulation by high fat diet. The Journal of biological chemistry 2004 Apr 279 (18):

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**