

Goat anti-LCAT (aa366-378) Antibody

Item Number	dAP-3425
Target Molecule	Principle Name: LCAT (aa366-378); Official Symbol: LCAT; All Names and Symbols: LCAT; lecithin-cholesterol acyltransferase; phosphatidylcholine-sterol acyltransferase; phospholipid-cholesterol acyltransferase; Accession Number (s): NP_000220.1; Human Gene ID(s): 3931; Non-Human GeneID(s): 16816 (mouse) 24530 (rat)
Immunogen	EDGDDTVATRSTE, 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 2000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Testis lysates (calculated MW of 49.6kDa according to NP_000220.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended conce
IHC	
Reference	Reference(s): Holleboom AG, Daniil G, Fu X, Zhang R, Hovingh GK, Schimmel AW, Kastelein JJ, Stroes ES, Witztum JL, Hutten BA, Tsimikas S, Hazen SL, Chroni A, Kuivenhoven JA. Lipid oxidation in carriers of lecithin:cholesterol acyltransferase gene mutations. Arteriosclerosis, thrombosis, and vascular biology 2012

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**