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Research Use Only. Not for diagnostic or therapeutic use.

EB12992 - Goat Anti-LCAT Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: LCAT, lecithin-cholesterol acyltransferase, phosphatidylcholine-sterol acyltransferase, phospholipid-cholesterol acyltransferase

Official Symbol: LCAT

Accession Number(s): NP_000220.1

Human GeneID(s): 3931

Immunogen

Peptide with sequence C-PYDWRLEPGQ, from the internal region of the protein sequence according to NP_000220.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 55kDa band observed in Human Testis lysates (calculated MW of 49.6kDa according to NP_000220.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12992 ($1\mu g/ml$) staining of Human Testes lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.