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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12991 - Goat Anti-LCAT (aa366-378) 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](#)

Non-Human GeneID(s): 16816 (mouse), 24530 (rat)

Immunogen

Peptide with sequence C-EDGDDTVATRSTE, 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 1:1000.

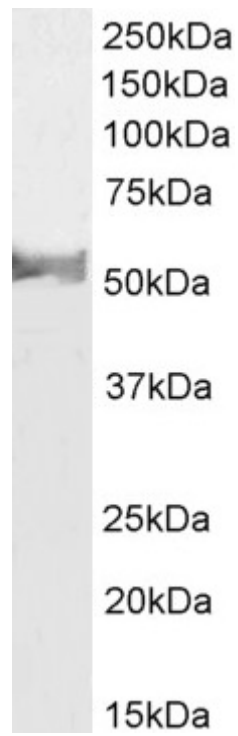
Western blot: Approx 55kDa band observed in Human Testis lysates (calculated MW of 49.6kDa according to NP_000220.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Liver. Recommended concentration: 5µg/ml.

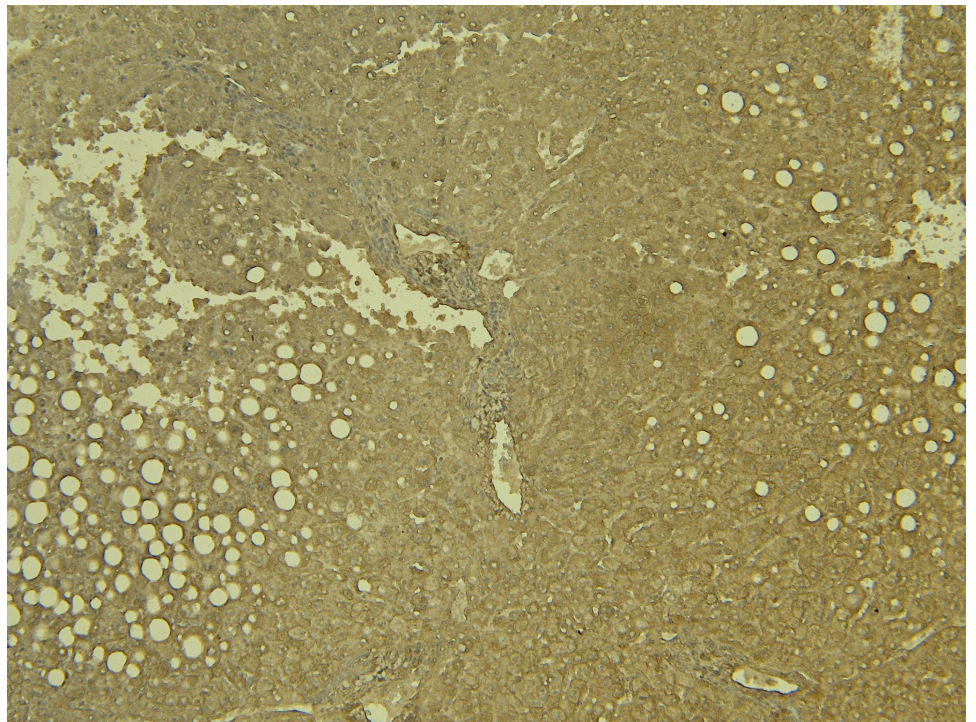
Species Reactivity

Tested: Human

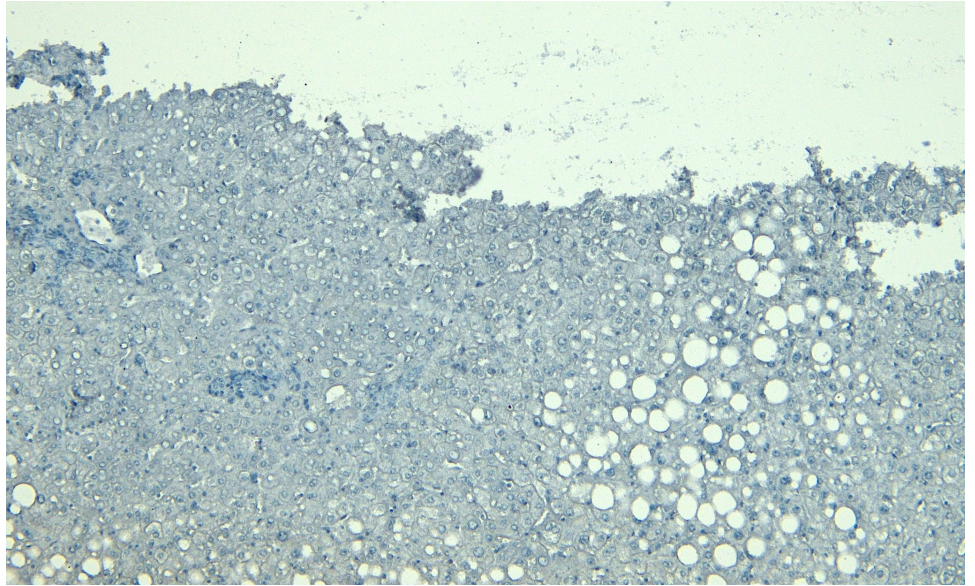
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB12991 (1 μ g/ml) staining of Human Testes lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB12991 (5 μ g/ml) staining of paraffin embedded Human Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB12991 Negative Control showing staining of paraffin embedded Human Liver, with no primary antibody.