



## International Office

### Everest Biotech Ltd

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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

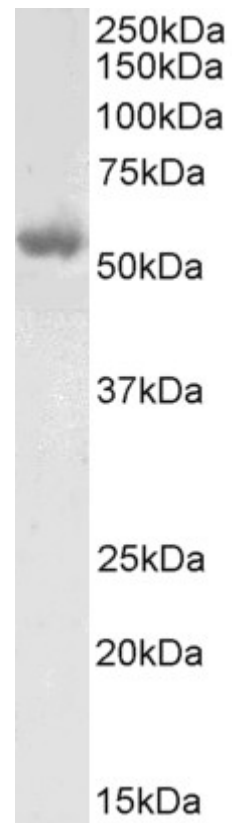
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**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



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.