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

EB08405 - Goat Anti-CES1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CES1, carboxylesterase 1 (monocyte/macrophage serine esterase 1), ACAT, CEH, CES2, HMSE, HMSE1, MGC117365, PCE-1, SES1, TGH, acyl coenzyme A:cholesterol acyltransferase, carboxylesterase 1, carboxylesterase 2 (liver), cholesteryl ester hydrolase, egasyn, liver carboxylesterase, triacylglycerol hydrolase, monocyte/macrophage serine-esterase 1

Official Symbol: CES1

Accession Number(s): NP_001020366.1; NP_001020365.1; NP_001257.4

Human GeneID(s): [1066](#)

Important Comments: This antibody is expected to recognise all three reported isoforms (NP_001020366.1; NP_001020365.1; NP_001257.4).

Immunogen

Peptide with sequence C-NTQAAQKLKDKKE, from the internal region (near C terminus) of the protein sequence according to NP_001020366.1; NP_001020365.1; NP_001257.4.

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 1:8000.

Western blot: Approx 55-60kDa band observed in Human Liver and Ileum lysates (calculated MW of 62.6kDa according to NP_001020366.1). In transfected HEK293 transiently expressing CES1 a band of approx. 65kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.03-0.1µg/ml.

IHC: In paraffin embedded Human Lung shows staining of lymphocytes in the vasculature.. Recommended concentration, 2-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB08405 (0.03µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB08405 (2.5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.