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

EB07760 - Goat Anti-APOC1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: APOC1, apolipoprotein C-I

Official Symbol: APOC1

Accession Number(s): NP_001636.1

Human GeneID(s): [341](#)

Immunogen

Peptide with sequence C-ETFQKVKEKLKIDS, from the C Terminus of the protein sequence according to NP_001636.1.

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 1:8000.

Western blot: Preliminary experiments gave bands at 30kDa and 37kDa band in Human Liver lysates after 0.5 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 9.3kDa according to NP_001636.1. The detected bands were successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Liver shows spotty staining in the cytoplasm of hepatocytes. Recommended concentration, 3-5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB07760 (3.8µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.