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Research Use Only. Not for diagnostic or therapeutic use.

EB07578 - Goat Anti-APOM Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: APOM, apolipoprotein M, G3a, HSPC336, MGC22400, NG20,

NG20-like protein, G3a, NG20 **Official Symbol:** APOM

Accession Number(s): NP_061974.2

Human GeneID(s): 55937

Immunogen

Peptide with sequence PRNQEACELSNN, from the C Terminus of the protein sequence according to NP_061974.2.

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.

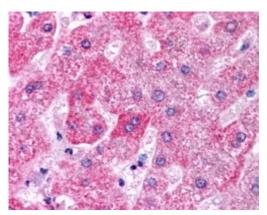
Western blot: Preliminary experiments gave an approx 50kDa band in Human Kidney and Liver lysates after 0.2μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 21.3kDa according to NP_061974.2. We do note that ApoM is a glycoprotein which makes a higher size band to be expected. The 50kDa band was 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 strong stain of cytoplasm in select hepatocytes. Recommended concentration, 3-6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog



EB07578 ($5\mu g/ml$) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.