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

EB10807 - Goat Anti-Mboat4 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Mboat4, membrane bound O-acyltransferase domain containing 4, GOAT, Gm171, O-acyltransferase (membrane bound) domain containing 4, O-acyltransferase domain-containing protein 4, ghrelin O-acyltransferase, membrane-bound O-acyltransferase domain-containing

Official Symbol: Mboat4

Accession Number(s): NP_001119786.1

Human GeneID(s): [619373](#)

Non-Human GeneID(s): 234155 (mouse)

Immunogen

Peptide with sequence CHLGLHYTEYYLGEP, from the internal region of the protein sequence according to NP_001119786.1.

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 1:16000.

Western blot: Approx 50kDa band observed in Mouse Pancreas lysates (calculated MW of 49.9kDa according to NP_001119786.1). Recommended concentration: 0.5-2µg/ml. An additional band of unknown identity was also consistently observed at 38kDa. This band was successfully blocked by incubation with the immunizing peptide. Primary incubation was 1 hour.

Species Reactivity

Tested: Mouse

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



EB10807 (0.5 μ g/ml) staining of Mouse Pancreas lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.