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

EB07575 - Goat Anti-DGAT1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DGAT1, diacylglycerol O-acyltransferase homolog 1 (mouse), ARGP1, DGAT, ACAT related gene product 1, acyl coenzyme A:cholesterol acyltransferase related gene 1, diacylglycerol O-acyltransferase 1, diglyceride acyltransferase

Official Symbol: DGAT1

Accession Number(s): NP_036211.1

Human GeneID(s): [8694](#)

Non-Human GeneID(s): 13350 (mouse), 84497 (rat)

Immunogen

Peptide with sequence C-QNSMKPFKDMDYS, from the internal region of the protein sequence according to NP_036211.1.

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 Rat Duodenum lysates (calculated MW of 55.3kDa according to NP_036211.1). Recommended concentration: 0.3-1.0µg/ml.

IHC: Paraffin embedded Human Colon. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog

EB07575 (0.3µg/ml) staining of Rat Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB07575 (3.75µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.