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

EB07661 - Goat Anti-DGAT2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DGAT2, diacylglycerol O-acyltransferase homolog 2 (mouse), DKFZp686A15125, HMFN1045, GS1999full, diacylglycerol O-acyltransferase homolog 2, diacylglycerol O-acyltransferase-like protein 2 isoform 1

Official Symbol: DGAT2

Accession Number(s): NP_115953.2; NP_001240820.1

Human GeneID(s): [84649](#)

Non-Human GeneID(s): 67800 (mouse), 252900 (rat)

Important Comments: This antibody is not expected to cross-react with other DGAT members.

Immunogen

Peptide with sequence C-KLEHPTQQDIDLYH, from the internal region (near the C Terminus) of the protein sequence according to NP_115953.2; NP_001240820.1.

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 1:128000.

IHC: In paraffin embedded Human Liver shows granular cytoplasm staining of hepatocytes. Recommended concentration: 3µg/ml.

Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

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

EB07661 (3µg/ml) staining of paraffin embedded Human Liver. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.

EB07661 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.