



UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB11003 - Goat Anti-DGAT1 (aa67-79) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: DGAT1

Accession Number(s): NP_036211.2

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

Immunogen

Peptide with sequence RCHRLQDSLFSDD, from the internal region of the protein sequence according to NP_036211.2.

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 1:128000.

Western blot: Approx 50+55kDa bands observed in Mouse Duodenum lysates (calculated MW of 56.8kDa according to Mouse NP_034176.1). Recommended concentration: 0.5-2µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Mouse

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

EB11003 (0.5µg/ml) staining of Mouse Duodenum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB11003 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with Tris/EDTA buffer pH 9, AP-staining. **This data is from a previous batch, not on sale.**