

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB12491 - Goat Anti-Perilipin 4 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Perilipin4, Perilipin-4, Plin4, S3-12, mKIAA1881

Official Symbol: Plin4

Accession Number(s): NP_065593.2

Non-Human GenelD(s): 57435 (mouse), 363331 (rat)

Immunogen

Peptide with sequence C-QRAFEHALSHIQHN, from the internal region of the protein sequence according to NP_065593.2.

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: This antibody has been successfully used in Western blot on Mouse: Erika Gurzelera et al. (2019) Biochim Biophys Acta Gen Subj. 2019 Feb;1863(2):481-490.

PMID: 30508567.

IHC: Paraffin embedded Human Small Intestine (Adipose). Recommended concentration: 2.5μg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Mouse, Rat, Dog, Pig, Cow

Specific Reference

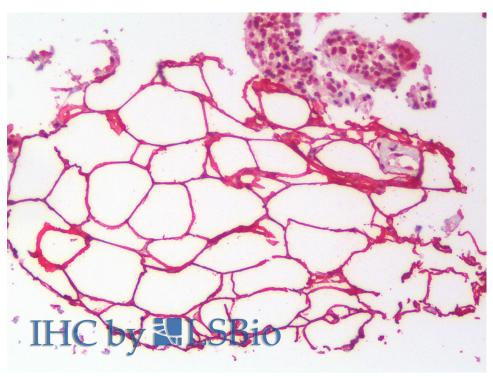
This antibody has been successfully used in Western blot on Mouse:

Erika Gurzelera, Einari Aavika, Anssi Lainea, Teemu Valkamaa, Henri Niskanena, Jenni Huuskoa, Minna U. Kaikkonena, Seppo Ylä-Herttualaa

Therapeutic effects of rosuvastatin in hypercholesterolemic prediabetic mice in the absence of low density lipoprotein receptor

Biochim Biophys Acta Gen Subj. 2019 Feb;1863(2):481-490.

PMID: 30508567



EB12491 (2.5 μ g/ml) staining of paraffin embedded Human Small Intestine (Adipose). Steamed antigen retrieval with citrate buffer pH 6, AP-staining.