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**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 GeneID(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-Herttuala

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