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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: Preliminary experiments gave an approx 75kDa band in Mouse Adipose tissue and Liver lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 139kDa according to NP_065593.2. The 75kDa band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested:

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