



## International Office

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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

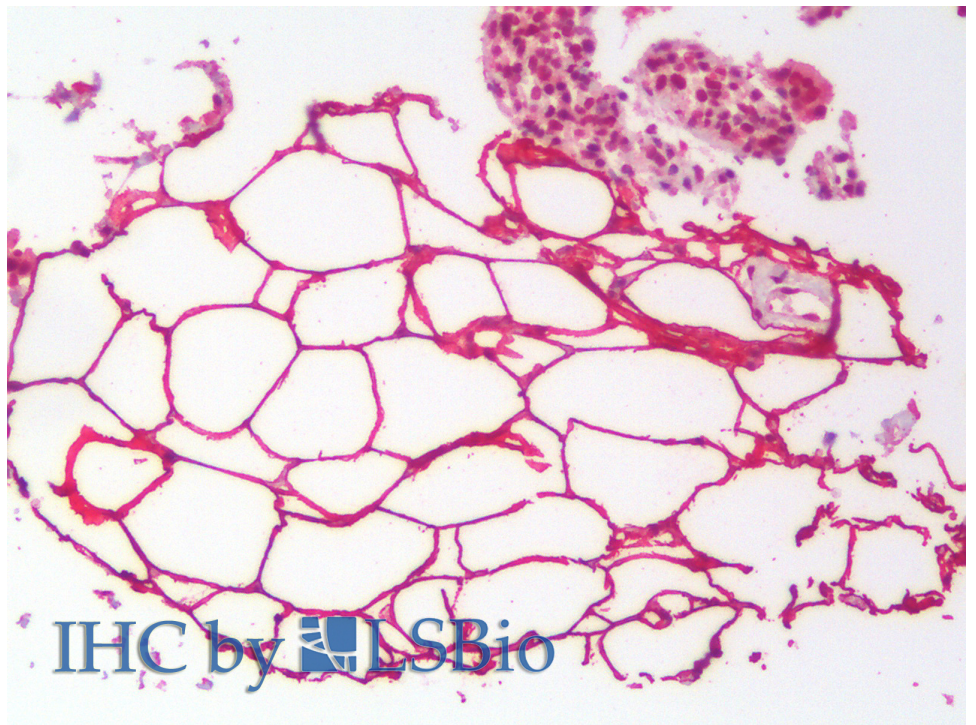
**This antibody has been successfully used in Western blot on Mouse:**

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.