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

EB07727 - Goat Anti-Perilipin (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PLIN, perilipin, PERI, lipid droplet-associated protein

Official Symbol: PLIN

Accession Number(s): NP_002657.2

Human GeneID(s): [5346](#)

Immunogen

Peptide with sequence C-PREKPKRRVSDS, from the internal region (near the C Terminus) of the protein sequence according to NP_002657.2.

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 60kDa band observed in Human Adipose lysates (calculated MW of 56.0kDa according to NP_002657.2). Recommended concentration: 0.01 µg/ml.

Primary incubation was 1 hour.

IHC: Paraffin embedded Human Colon. Recommended concentration: 2µg/ml.

This product is not suitable for IF but the related product EB07728 is tested in this application.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB07727 (0.01µg/ml) staining of Human Adipose lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07727 (2µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.