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Research Use Only. Not for diagnostic or therapeutic use.

EB07727 - Goat Anti-Perilipin 1 (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PLIN, perilipin, PERI, lipid droplet-associated protein, PLIN1, Perilipin 1

Official Symbol: PLIN1

Accession Number(s): NP_002657.3; NP_001138783.1 NP_001138783.1

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_002657.3; NP_001138783.1 NP_001138783.1.

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 1:8000.

Western blot: Approx 60kDa band observed in Human Adipose lysates (calculated MW of 56.0kDa according to NP_002657.2). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

This product is not suitable for IF.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB07727 (1µg/ml) staining of Human Adipose tissue lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.