



## UK Office

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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 1:128000.

**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.

### 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.