

# **UK Office**

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# EB13102 - Goat Anti-Perilipin 1 (C Terminus) Antibody

Size: 100µg specific antibody in 200µl

# **Target Protein**

Principal Names: PERI, PLIN, PLIN1, FPLD4, Plin, PERIA, Peri, Perilipin1, Perilipin1 Official Symbol: PLIN1 Accession Number(s): NP\_002657.3 Human GeneID(s): 5346 Non-Human GeneID(s): 103968 (mouse), 25629 (rat) Important Comments: This is an alternative product to EB07728.

### Immunogen

Peptide with sequence RVSDSFFRPSVMEPC, from the C Terminus of the protein sequence according to NP\_002657.3.

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 55-58kDa band observed in Human Adipose tissue lysates (calculated MW of 56.0kDa according to Human NP\_002657.3). Recommended concentration: 0.1-0.3ug/ml. Primary incubation 1 hour at room temperature.

### **Species Reactivity**

Tested: Human Expected from sequence similarity: Human



EB13102 (0.3µg/ml) staining of Human Adipose tissue lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.