

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB11885 - Goat Anti-perilipin 3 / TIP47 (aa154-167). Antibody

Size: 100µg specific antibody in 200µl

# **Target Protein**

Principal Names: PLIN3, perilipin 3, M6PRBP1, MGC11117, MGC2012, PP17, TIP47, 47

kDa MPR-binding protein, cargo selection protein TIP47, mannose-6-phosphate

receptor-binding protein 1, perilipin-3, placental protein 17, tail-interacting protein, 47 kD

Official Symbol: PLIN3

Accession Number(s): NP\_005808.3; NP\_001157661.1; NP\_001157666.1

Human GenelD(s): 10226

Important Comments: This antibody is expected to recognize all reported isoforms

(NP\_005808.3; NP\_001157661.1; NP\_001157666.1).

### **Immunogen**

Peptide with sequence C-TRGAVQSGVDKTKS, from the internal region of the protein sequence according to NP\_005808.3; NP\_001157661.1; NP\_001157666.1.

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**

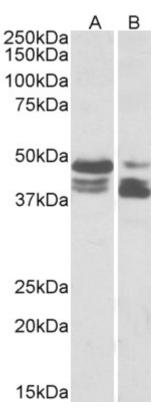
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 48kDa+45kDa double bands observed in lysates of cell line HeLa and of Human Colon cancer (calculated MW of 47.1kDa according to NP\_NP\_005808.3, 46.9kDa according to NP\_001157661.1 and 45.8kDa according to NP\_001157666.1). The observed bands represent the three different isoforms. Please note the difference in band pattern intensities between HeLa and Colon cancer lysates. Recommended concentration: 0.03-0.1μg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB11885 (0.03μg/ml) staining of HeLa (lane 1) and Human Colon cancer (lane two) lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.