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Research Use Only. Not for diagnostic or therapeutic use.

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

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): <u>10226</u>

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.

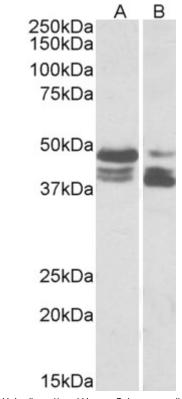
Applications Tested

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.