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Research Use Only. Not for diagnostic or therapeutic use.

EB10917 - Goat Anti-APOL1 (aa297-309) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: APOL1, apolipoprotein L, 1, APO-L, APOL, APOL-I, OTTHUMP00000197984, OTTHUMP00000197985, OTTHUMP00000197986,

OTTHUMP00000197987, apolipoprotein L-I, apolipoprotein L1

Official Symbol: APOL1

Accession Number(s): NP_003652.2; NP_663318.1; NP_001130013.1

Human GeneID(s): 8542

Important Comments: This antibody is expected to recognize all three reported isoforms (NP_003652.2; NP_663318.1; NP_001130013.1). Reported variants represent identical

protein: NP_003652.2, NP_001130012.1

Immunogen

Peptide with sequence C-PHASASRPRVTEP, from the internal region of the protein sequence according to NP_003652.2; NP_663318.1; NP_001130013.1.

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 1:16000.

Western blot: Approx 42+45kDa bands observed in Human Placenta lysates (calculated MW of 45.9kDa and 42.2kDa according to NP_663318.1 and NP_001130013.1 resp.).

Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB10917 (0.1 μ g/ml) staining of Human Placenta lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.