



## UK Office

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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.

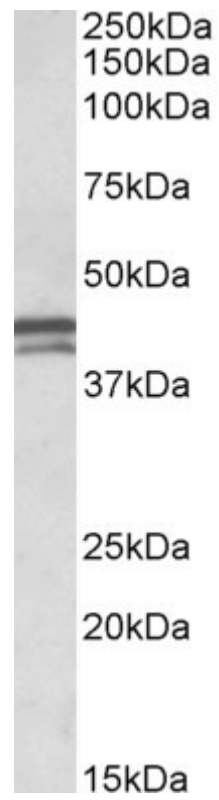
**Western blot:** Approx 42+45kDa bands observed in Human Placenta lysates (calculated MW of 45.9kDa and 42.2kDa according to NP\_663318.1 and NP\_001130013.1 resp.).

Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



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