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EB09751 - Goat Anti-APOL4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: APOL4, apolipoprotein L, 4;, CTA-212A2.2, APOL-IV, APOLIV,

OTTHUMP00000028937, apolipoprotein L-IV, apolipoprotein L4

Official Symbol: APOL4

Accession Number(s): NP_085146.2; NP_663693.1

Human GenelD(s): 80832

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

(NP_085146.2; NP_663693.1)

Immunogen

Peptide with sequence C-RYVPINVVETLRTR, from the internal region of the protein sequence according to NP_085146.2; NP_663693.1.

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 1:8000.

Western blot: Preliminary experiments gave an approx 50kDa band in Human Prostate lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 38.7kDa according to NP_085146.2 and of 39.2kDa according to NP_663693.1. The 50kDa band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested:

Expected from sequence similarity: Human