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Certificate of Analysis and Data Sheet

Goat Anti-APOL1

With HRP-conjugated Secondary Antibody

Catalog No.

126-10173

Target Species

Human

Accession Number

NP_003652.2; NP_663318.1

Target Protein

Principal Names: apolipoprotein L1, apolipoprotein L-I, OTTHUMP00000028705, APOL-I, APOL, APO-L, apolipoprotein L, 1, APOL1

Official Symbol: APOL1

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

Human GeneID(s): [8542](#)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_003652.2; NP_663318.1).

Immunogen

Peptide with sequence C-NNNYKILQADQE, from the C Terminus of the protein sequence according to NP_003652.2; NP_663318.1.

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: Approx. 45kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 44.0kDa according to NP_003652.2;). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



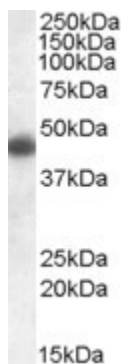
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Background Reference

Pérez-Morga D, Vanhollebeke B, Paturiaux-Hanocq F, Nolan DP, Lins L, Homblé F, Vanhamme L, Tebabi P, Pays A, Poelvoorde P, Jacquet A, Brasseur R, Pays E. Apolipoprotein L-I promotes trypanosome lysis by forming pores in lysosomal membranes. *Science*. 2005 Jul 15;309(5733):469-72.
PMID: 16020735

Images



126-10173 (1 μ g/ml) staining of Human Frontal Cortex lysate (35 μ g protein in RIPA buffer).
Primary incubation was 1 hour. Detected by chemiluminescence.

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