Datasheet for ABIN308434

anti-APOL1 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	APOL1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This APOL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	APOL1
Immunogen:	Peptide with sequence C-NNNYKILQADQE, from the C Terminus of the protein sequence according to NP_003652.2, NP_663318.1.
Sequence:	NNNYKILQAD QE
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_003652.2, NP_663318.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

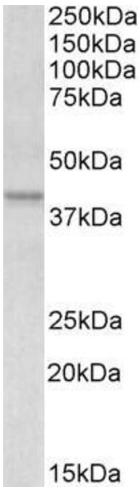
Target:	APOL1
Alternative Name:	APOL1 (APOL1 Products)
Background:	APOL1, apolipoprotein L, 1, APO-L, APOL, APOL-I, OTTHUMP00000028705, apolipoprotein L-I, apolipoprotein L1
Gene ID:	8542
NCBI Accession:	NP_003652, NP_663318

Application Details

Application Notes:	Western Blot: Approx 45 kDa band observed in Human Placenta lysates (calculated MW of 44 kDa according to NP_003652.2 and of 45.9 kDa according to NP_663318.1). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN308434 (0.1µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Image 2. ABIN308434 (1µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.