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Datasheet for ABIN1713364
anti-APOL1 antibody (AA 201-300)

Overview

Quantity:	100 µL
Target:	APOL1
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APOL1/Apolipoprotein L
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	APOL1
Alternative Name:	APOL1/Apolipoprotein L (APOL1 Products)

Target Details

Background: Synonyms: APO L, Apo-L, APOL, APOL I, ApoL-I, APOL1, Apolipoprotein L1, APOL1_HUMAN, APOLI, APOL1, APOL 1, APOL-1, Apolipoprotein L, Apolipoprotein L I, Apolipoprotein L-I, Apolipoprotein L1, Apolipoprotein L-1, FSGS4.

Background: Apolipoproteins are protein components of plasma lipoproteins (1). The apolipoprotein L gene family encodes six highly homologous proteins designated apoL-I to -VI, which are associated with large high density type lipoproteins (HDL) (2,3). The human apoL family maps to chromosome 22q12.1-13.1 within a 127,000-bp region (4). ApoL has been characterized as a pancreas specific, 383-amino acid protein that contains a 12-amino acid secretory signal peptide (4). The apoL genes have TATA-less promoters and contain putative sterol regulatory elements, suggesting that transcription of these genes may be coordinated with that of the low density lipoprotein receptor and genes in pathways involving the synthesis of triglycerides and cholesterol (3). ApoL homologs can undergo 10 fold changes in expression during atherosclerotic changes in vascular endothelial cells, which includes the inflammatory reaction of atherosclerotic lesions (5).

Gene ID: 8542

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months