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Datasheet for ABIN1694409

anti-Apolipoprotein L 4 antibody (AA 1-100) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	Apolipoprotein L 4 (APOL4)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apolipoprotein L 4 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APOL4/Apolipoprotein L4
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Apolipoprotein L 4 (APOL4)
Alternative Name:	APOL4/Apolipoprotein L4 (APOL4 Products)
Background:	Synonyms: APOL IV, ApoL-IV, APOL4, APOL4_HUMAN, Apolipoprotein L IV, Apolipoprotein L-IV,

Target Details

Apolipoprotein L4, APOLIV, CTA 212A2.2, OTTHUMP00000028937.

Background: The apolipoprotein L gene family maps to a region on chromosome 22 and encodes six highly homologous proteins designated apoL-I, apoL-II, apoL-III, apoL-IV, apoL-V and apoL-VI, all of which function as components of plasma lipoproteins. ApoL-IV (apolipoprotein L-IV), also known as APOL4, is a 351 amino acid protein that exists as multiple alternatively spliced isoforms, one of which is secreted. Expressed in spleen, placenta, spinal cord, uterus, testis and trachea, apoL-IV is thought to play a role in lipid exchange and transport throughout the body and may be involved in reverse cholesterol transport, specifically from peripheral cells to the liver. Overexpression of apoL-IV is associated with schizophrenia, suggesting that apoL-IV may play a role in the pathogenesis of neural disorders.

Gene ID: 80832

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months