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Datasheet for ABIN1710881

anti-Apolipoprotein L 5 antibody (AA 301-400) (HRP)

Overview

Quantity:	100 µL
Target:	Apolipoprotein L 5 (APOL5)
Binding Specificity:	AA 301-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apolipoprotein L 5 antibody is conjugated to HRP
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APOL5/Apolipoprotein L5
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Apolipoprotein L 5 (APOL5)
Alternative Name:	APOL5/Apolipoprotein L5 (APOL5 Products)
Background:	Synonyms: APOL 5, APOL V, APOL5, Apolipoprotein L, Apolipoprotein L V, apoL-V,

Target Details

Apolipoprotein L 5, APOLV, OTTHUMP00000028773, APOL5_HUMAN.

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-V (apolipoprotein L-V), also known as APOL5, is a 433 amino acid protein that localizes to the cytoplasm and belongs to the apolipoprotein L family. Expressed in a variety of tissues including testis, stomach, uterus and skeletal muscle, apoL-V is thought to affect the movement of lipids in the cytoplasm and may allow the binding of lipids to organelles. Like other members of the apolipoprotein L family, apoL-V is thought to be involved in the development of schizophrenia.

Gene ID: 80831

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

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

Expiry Date: 12 months