



[Go to Product page](#)

Datasheet for ABIN1710880

## anti-Apolipoprotein L 4 antibody (AA 1-100) (HRP)

### 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 HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### 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 ( <a href="#">APOL4 Products</a> )
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: 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