

Datasheet for ABIN6256907

**anti-Apolipoprotein L 4 antibody**

3 Images

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## Overview

Quantity:	100 µL
Target:	Apolipoprotein L 4 (APOL4)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apolipoprotein L 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	APOL4 Antibody detects endogenous levels of total APOL4
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	Apolipoprotein L 4 (APOL4)
Alternative Name:	APOL4 ( <a href="#">APOL4 Products</a> )

## Target Details

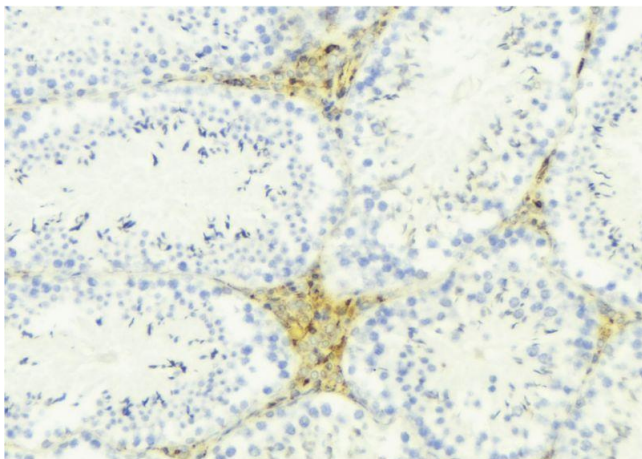
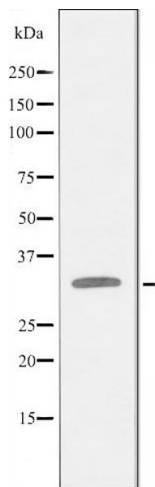
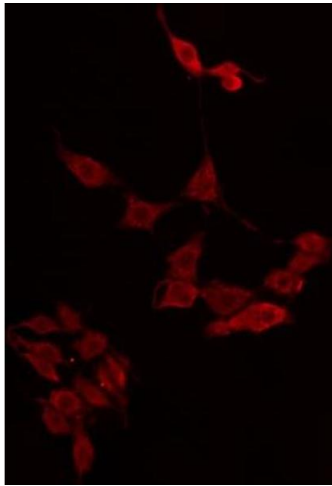
Background:	Description: May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver (By similarity). Gene: APOL4
Molecular Weight:	34 kDa
Gene ID:	80832
UniProt:	<a href="#">Q9BPW4</a>

## Application Details

Application Notes:	WB 1:500~1:1000 IHC: 1:50~1:200 IF/ICC 1:100-1:500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6274858 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

#### Western Blotting

**Image 2.** Western blot analysis of extracts from LOVO cells using APOL4 antibody.

#### Immunohistochemistry

**Image 3.** ABIN6274858 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.