

Datasheet for ABIN4996727

**anti-Apolipoprotein L 5 antibody (AA 301-400) (Alexa Fluor 750)**[Go to Product page](#)

## 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 Alexa Fluor 750  |
| 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 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 ( <a href="#">APOL5 Products</a> )                     |
| 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: 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