



## Rabbit Anti-APOL5 antibody

SL12500R

<b>Product Name:</b>	APOL5
<b>Chinese Name:</b>	载LipoproteinL5抗体
<b>Alias:</b>	APOL 5; APOL V; APOL5; Apolipoprotein L5; Apolipoprotein L; Apolipoprotein L V; apoL-V; Apolipoprotein L 5; APOLV; OTTHUMP00000028773; APOL5_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	47kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human APOL5/Apolipoprotein L5:301-400/433
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**Function:**

Apolipoprotein L 5 is a member of the apolipoprotein L gene family. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids or allow the binding of lipids to organelles.

**Subcellular Location:**

Cytoplasm (Probable).

**Tissue Specificity:**

Low level of expression; detected in uterus, testis, skeletal muscle and stomach.

**Similarity:**

Belongs to the apolipoprotein L family.

**SWISS:**

Q9BWW9

**Gene ID:**

80831

**Database links:**

[Entrez Gene: 80831](#)Human

[Omid: 607255](#)Human

[SwissProt: Q9BWW9](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.