

**ApoA5 Antibody (NT)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11267****Specification**

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**ApoA5 Antibody (NT) - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">Q6Q788</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	41213

**ApoA5 Antibody (NT) - Additional Information****Gene ID** 116519

Positive Control	<b>Western blot: HL60 cell lysate, IHC: human hepatocarcinoma tissue</b>
Application & Usage	<b>Western blot: ~1:1000, IHC: ~1:10-1:50.</b>

**Other Names**

APOA5; RAP3; Apolipoprotein A-V; Apolipoprotein A5; Regeneration-associated protein 3

**Target/Specificity**

ApoA5

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µl of antibody in PBS with 0.09% (W/V) sodium azide

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

ApoA5 Antibody (NT) is for research use only and not for use in diagnostic or therapeutic procedures.

## **ApoA5 Antibody (NT) - Protein Information**

**Name** APOA5

**Synonyms** RAP3

### **Function**

Minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. May also be associated with chylomicrons. Important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and an inhibitor of the hepatic VLDL-TG production rate (without affecting the VLDL-apoB production rate) (By similarity). Activates poorly lecithin:cholesterol acyltransferase (LCAT) and does not enhance efflux of cholesterol from macrophages. Binds heparin (PubMed:<a href="http://www.uniprot.org/citations/17326667" target="\_blank">17326667</a>).

### **Cellular Location**

Secreted. Early endosome. Late endosome. Golgi apparatus, trans-Golgi network. Note=In the presence of SORL1, internalized to early endosomes, sorted in a retrograde fashion to late endosomes, from which a portion is sent to lysosomes and degradation, another portion is sorted to the trans-Golgi network

### **Tissue Location**

Liver and plasma.

## **ApoA5 Antibody (NT) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **ApoA5 Antibody (NT) - Images**

## **ApoA5 Antibody (NT) - Background**

Apolipoproteins are plasma lipoproteins that function as transporters of lipids and cholesterol in the circulatory system. The protein encoded by this gene is an apolipoprotein that plays an important role in regulating the plasma triglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5.