

# ApoA5 Antibody (NT)

**ALTERNATE NAMES:** APOA5; RAP3; Apolipoprotein A-V; Apolipoprotein A5; Regeneration-associated protein 3

**CATALOG #:** 6717-100

**AMOUNT:** 100 µl

**HOST/ISOTYPE:** Rabbit IgG

**IMMUNOGEN:** This APOA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-52 amino acids from the N-terminal region of human APOA5.

**PURIFICATION:** This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**MOLECULAR WEIGHT:** ~41.2 kDa

**FORM:** Liquid

**FORMULATION:** Supplied in PBS with 0.09% (W/V) sodium azide.

**SPECIES REACTIVITY:** Human.

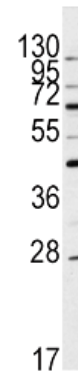
**STORAGE CONDITIONS:** Maintain refrigerated at 2-8°C for up to 6 months. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

**DESCRIPTION:** 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.

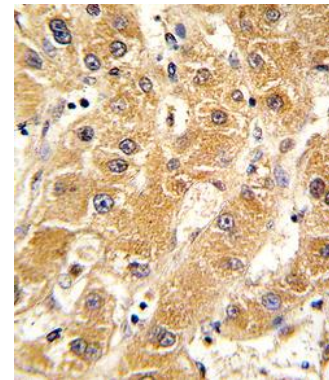
**APPLICATION:** Western blot: ~1:1000, IHC: ~1:10-1:50.

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.

**FOR RESEARCH USE ONLY! Not to be used on humans.**



Western blot analysis of APOA5 Antibody (N-term) (Cat # 6717-100) in HL60 cell line lysates (35 µg/lane). APOA5 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with APOA5 antibody (N-term) (Cat # 6717-100), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

**RELATED PRODUCTS:**

- ApoA1 Antibody (Cat # 5693-100)
- ApoA1 Antibody (Cat # 5695-100)
- ApoA1 Antibody (NT) (Cat # 6712-100)
- ApoA4 Antibody (NT) (Cat # 6713-100)
- ApoB Antibody (Cat # 3661-100)
- ApoC2 Antibody (Center) (Cat # 6718-100)
- ApoD Antibody (NT) (Cat # 6719-100)
- ApoE Antibody (CT) (Cat # 6720-100)
- ApoE2 Antibody (Cat # 5760-100)
- ApoE3 Antibody (Cat # 5696-100)
- ApoE4 Antibody (Cat # 5699-100)
- ApoER2 Antibody (CT) (Cat # 6721-100)
- ApoF Antibody (Center) (Cat # 6722-100)