

Anti-Apolipoprotein A5 Antibody
Rabbit polyclonal antibody to Apolipoprotein A5
Catalog # AP60839

Specification

Anti-Apolipoprotein A5 Antibody - Product Information

Application	WB
Primary Accession	Q6Q788
Other Accession	Q8C7G5
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41213

Anti-Apolipoprotein A5 Antibody - Additional Information

Gene ID 116519

Other Names

RAP3; Apolipoprotein A-V; Apo-AV; ApoA-V; Apolipoprotein A5; Regeneration-associated protein 3

Target/Specificity

Recognizes endogenous levels of Apolipoprotein A5 protein.

Dilution

WB~~WB (1/500 - 1/2000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Apolipoprotein A5 Antibody - 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:17326667).

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

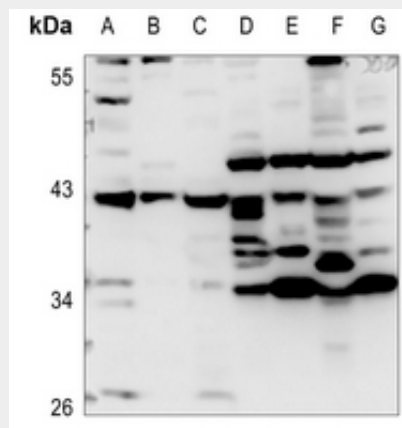
Tissue Location

Liver and plasma.

Anti-Apolipoprotein A5 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

Anti-Apolipoprotein A5 Antibody - Images

Western blot analysis of Apolipoprotein A5 expression in HEK293T (A), H446 (B), Jurkat (C), mouse liver (D), mouse heart (E), rat liver (F), rat heart (G) whole cell lysates.

Anti-Apolipoprotein A5 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Apolipoprotein A5. The exact sequence is proprietary.