

Datasheet for ABIN1842850
anti-APOA5 antibody (AA 20-363)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	APOA5
Binding Specificity:	AA 20-363
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOA5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human APOA5 (AA: 20-363) expressed in E. Coli.
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	APOA5
Alternative Name:	Apoa5 (APOA5 Products)
Background:	Apolipoprotein A5 (ApoA5) is fast gaining attention as a key regulator of serum triglyceride concentrations. An ApoA5 mouse knock-out model produced an approximately four fold increase in serum triglycerides, whereas a knock-in model with human ApoA5 produced 50-70% lower concentrations of mouse serum triglycerides. In addition, peroxisome proliferator-

Target Details

activated receptor- agonists, which are used clinically to lower serum triglyceride concentrations, cause increased ApoA5 mRNA expression. Recently, it was demonstrated that ApoA5 is present in human serum detected by polyclonal antibodies against both the NH2 and COOH termini, although at much lower concentration than other apolipoproteins.

Molecular Weight: 41 kDa

Gene ID: 116519

UniProt: [Q6Q788](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Lipid Metabolism](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

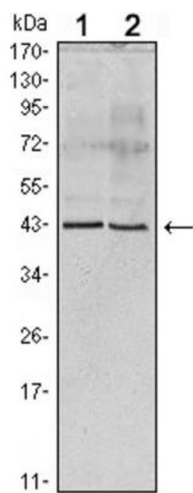
Buffer: PBS containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



Western Blotting

Image 1. Western blot analysis using ApoA5 antibody against human serum (1) and ApoA5 recombinant protein (2).