

Datasheet for ABIN2464012

anti-APOA5 antibody (truncated)**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	APOA5
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOA5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Ni-NTA purified truncated recombinant human APOA5 expressed in E. Coli strain BL21 (DE3).
Clone:	4H8H8E2(c)
Isotype:	IgG1

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

Target Details

proliferator-activated receptor- α 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.

Gene ID: 116519

UniProt: [Q6Q788](#)

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

Application Details

Application Notes: Western Blot, ELISA.
Dilution:
Western Blot: 1:500 - 1,000
ELISA: Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

Handling

Buffer: Ascitic fluid containing 0.03 % sodium azide.

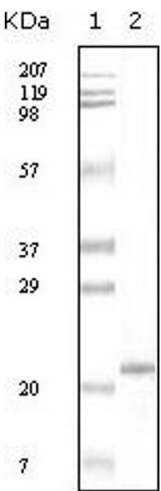
Preservative: Sodium azide

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

Handling Advice: As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

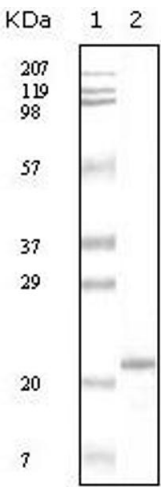
Storage: -20 °C

Storage Comment: ApoA5(bd) monoclonal antibody can be stored at -20 °C, stable for one year.



Western Blotting

Image 1.



Western Blotting

Image 2.