

Datasheet for ABIN1105412
anti-APOA5 antibody



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1 Image

Overview

Quantity:	0.1 mL
Target:	APOA5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOA5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Clone:	1G5G9 (c)
Isotype:	IgG1
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Purified

Target Details

Target:	APOA5
Alternative Name:	Apolipoprotein A V (ApoA V) (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.Synonyms: APOA5, Apo-AV, ApoA-V, Apolipoprotein A-V, RAP3, Regeneration-associated protein 3

Gene ID: 116519

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

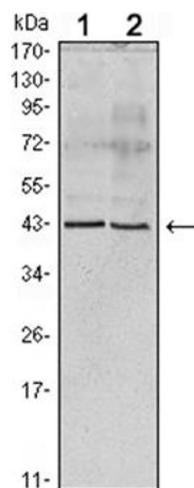
Handling

Buffer: PBS, 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.

Images



Western Blotting

Image 1.