

Datasheet for ABIN7446174 **anti-APOA5 antibody**



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Overview

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

Product Details

Isotype:	IgG1
Specificity:	Ni-NTA purified recombinant human ApoA5 expressed in E. Coli strain BL21 (DE3).
Purification:	Antibodies are purified by protein G affinity chromatography.

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-activated receptor- agonists, which are used clinically to lower serum triglyceride

Target Details

	concentrations, cause increased ApoA5 mRNA expression. Despite these compelling molecular biology data, relatively little is known about ApoA5 protein in human serum. This antibody pair detected recombinant apoa5 protein in sandwich ELISA format and could be potential reagents for the development of clinical diagnostic kits.
Gene ID:	116519
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Lipid Metabolism

Application Details

Application Notes:	Western Blot: Dilution 1: 1,000- 1: 2,000 Suggested ELISA dilution 1: 4,000 ptimized dilution must be determined by end user.
Restrictions:	For Research Use only

Handling

Storage:	-20 °C
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