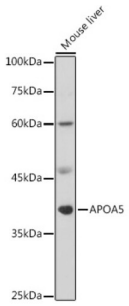
Apolipoprotein A-V (APOA5) Antibody

Catalogue No.:abx000061



Western blot analysis of lysates from Mouse liver, using APOA5 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 5s.

APOA5 Antibody is a Rabbit Polyclonal antibody against APOA5. 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 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.

Target:	Apolipoprotein A-V (APOA5)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 207-366 of human APOA5.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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UniProt Primary AC:	Q6Q788 (UniProt, ExPASy)
Gene Symbol:	APOA5
GeneID:	116519
NCBI Accession:	NP_443200.2
KEGG:	hsa:116519
String:	9606.ENSP00000445002
Molecular Weight:	Calculated MW: 41 kDa Observed MW: 41 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	This product is for research use only.

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