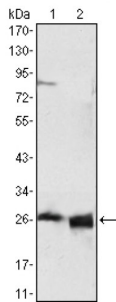
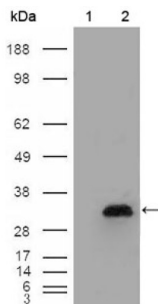


Apolipoprotein A1 (APOA1) Antibody

Catalogue No.: abx010413



Western blot analysis using APOA1 antibody against HepG2 cell lysate (1) and human serum (2).



Western blot analysis using APOA1 antibody against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY APOA1 cDNA (2).

APOA1: apolipoprotein A-I, it is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. Defects in the Apolipoprotein A I gene are associated with HDL deficiency and Tangier disease. The therapeutic potential of apoA-I has been recently assessed in patients with acute coronary syndromes, using a recombinant form of a naturally occurring variant of apoA-I. The availability of recombinant normal apoA-I should facilitate further investigation into the potential usefulness of apoA-I in preventing atherosclerotic vascular diseases.

Target: Apolipoprotein A1 (APOA1)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Mouse

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human APOA1 expressed in E. coli.

Isotype: IgG₁

Datasheet

Version: 2.0.0
Revision date: 16 Sep 2024



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|----------------------------|--|
| Form: | Liquid |
| Purification: | Unpurified ascites. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P02647 (UniProt , ExPASy) |
| Gene Symbol: | APOA1 |
| GeneID: | 335 |
| OMIM: | 105200 |
| NCBI Accession: | NP_000030.1 |
| HGNC: | 600 |
| KEGG: | hsa:335 |
| Ensembl: | ENSG00000118137 |
| String: | 9606.ENSP00000236850 |
| Molecular Weight: | 25 kDa |
| Buffer: | Ascitic fluid containing 0.03% sodium azide. |
| Concentration: | Not determined. |
| Note: | This product is for research use only. |

For Reference Only