

Rabbit anti-Human APOA1 Polyclonal Antibody | anti-APOA1 antibody

APOA1 Polyclonal Antibody

CATALOG # AAA37015	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	----------------------------	---

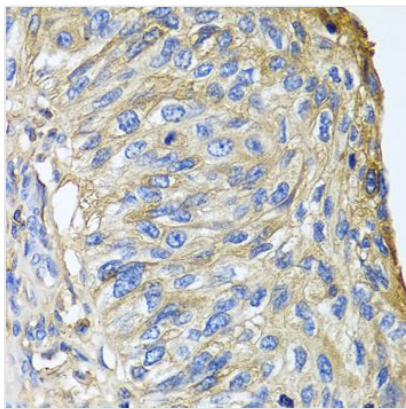
PRODUCT SYNONYMS

APOA1; Polyclonal Antibody; APOA1 Polyclonal Antibody; MGC117399; Apo-AI; ApoA-I; APOAI; anti-APOA1 antibody

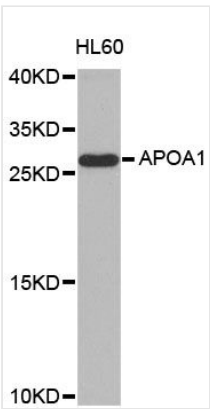
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	267
Applicable Applications for anti-APOA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human APOA1
Calculated Molecular Weight	31kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate cancer using APOA1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of HL-60 cells, using APOA1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-APOA1 antibody	ApoA1 (Apolipoprotein A1) is a major component of high density lipoprotein (HDL, the "good cholesterol") in plasma. It is produced in the liver and small intestine. ApoA1 is a cofactor for lecithin cholesterolacyltransferase (LCAT) that is responsible for the formation of plasma cholesteryl esters and promotes cholesterol efflux from tissues to the liver for excretion. Defects in ApoA1 are associated with high density lipoprotein deficiency (HDL) and systemic non-neuropathic amyloidosis (1-3).
Product Categories/Family for anti-APOA1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	113992
NCBI GeneID	335
UniProt Accession #	P02647; Q6LDN9; Q6Q785; Q9UCS8; Q9UCT8; A8K866
Molecular Weight	267
NCBI Official Full Name	Apolipoprotein A-I
NCBI Official Synonym Full Names	apolipoprotein A-I
NCBI Official Symbol	APOA1
NCBI Protein Information	apolipoprotein A-I; apo-AI
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I
UniProt Entry Name	APOA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.