

Rabbit anti-Mouse Apolipoprotein A-I/APOA1 Polyclonal Antibody | anti-APOA1 antibody

Anti-Apolipoprotein A-I/APOA1 Antibody, Rabbit Polyclonal

CATALOG # AAA257239	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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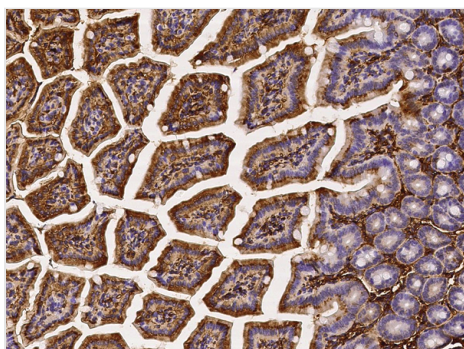
PRODUCT SYNONYMS

Apolipoprotein A-I/APOA1; Polyclonal Antibody; Anti-Apolipoprotein A-I/APOA1 Antibody; Rabbit Polyclonal; ApoA1 Antibody; Rabbit PAb; Antigen Affinity Purified; apolipoprotein A-I; Anti-1-Sep Antibody; Anti-2-Sep Antibody; Anti-42248 Antibody; Anti-42249 Antibody; Anti-Alp-1 Antibody; Anti-apo-AI Antibody; Anti-Apoa-1 Antibody; Anti-apoA-I Antibody; Anti-Brp-14 Antibody; Anti-Ltw-1 Antibody; Anti-Lvtw-1 Antibody; anti-APOA1 antibody

PRODUCT SPECIFICATIONS

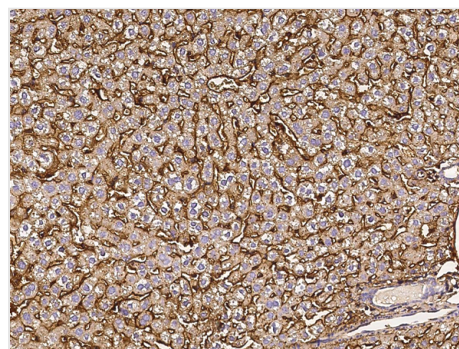
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse ApoA1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-APOA1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse ApoA1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse ApoA1. ApoA1 specific IgG was purified by Mouse ApoA1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse ApoA1 in mouse small intestine with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of mouse ApoA1 in mouse liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-APOA1 antibody	Apolipoprotein A1 (APOA1) is a member of the apolipoprotein family whose members are proteins bind with lipids and form lipoproteins to translate these oil-soluble lipids such as fat and cholesterol through lymphatic and circulatory system. APOA1 is the main component of high density lipoprotein (HDL) in plasma and is involved in the esterification of cholesterol as a cofactor of lecithin-cholesterol acyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters, and thus play a major role in cholesterol efflux from peripheral cells. As a major component of the HDL complex, APOA1 helps to clear cholesterol from arteries. APOA1 is also characterized as a prostacyclin stabilizing factor, and thus may have an anticlotting effect. Defects in encoding gene may result in HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. Men carrying a mutation may develop premature coronary artery disease.
References	Toptas B, et al. (2011) Comparison of lipid profiles with APOA1 MspI polymorphism in obese children with hyperlipidemia. In Vivo. 25(3): 425-30. Haase CL, et al. (2011) Mutation in APOA1 predicts increased risk of ischaemic heart disease and total mortality without low HDL cholesterol levels. J Intern Med. 270(2): 136-46. Wu Z, et al. (2011) The low resolution structure of ApoA1 in spherical high density lipoprotein revealed small angle neutron scattering. J Biol Chem. 286(14): 12495-508.

NCBI AND UNIPROT INFORMATION

NCBI GI #	160333304
NCBI GeneID	11806
NCBI Accession #	NP_033822.2
NCBI GenBank Nucleotide #	NM_009692.4
UniProt Accession #	Q00623; O08855; O09042; Q8BPD5
Molecular Weight	30,616 Da
NCBI Official Full Name	apolipoprotein A-I preproprotein
NCBI Official Synonym Full Names	apolipoprotein A-I
NCBI Official Symbol	Apoa1
NCBI Official Synonym Symbols	Sep2; Alp-1; Ltw-1; Sep-1; Sep-2; Apoa-1; Brp-14; Lvtw-1; apo-AI; apoA-I
NCBI Protein Information	apolipoprotein A-I
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	Apoa1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I
UniProt Entry Name	APOA1_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apolipoprotein-a-i-apoa1-antibody-immunohistochemistry-elisa/257239>