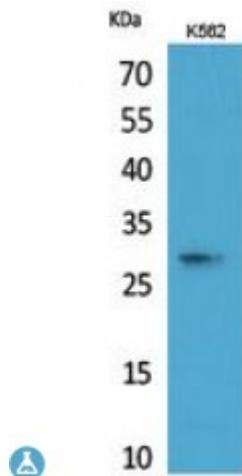


Anti-ApoA-I antibody



Description	Rabbit polyclonal to ApoA-I.
--------------------	------------------------------

Model	STJ96804
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human ApoA-I.
Immunogen Region	81-130 aa, Internal
Gene ID	335
Gene Symbol	APOA1
Dilution range	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:20000
Specificity	ApoA-I Polyclonal Antibody detects endogenous levels of ApoA-I protein.
Tissue Specificity	Major protein of plasma HDL, also found in chylomicrons. Synthesized in the liver and small intestine. The oxidized form at Met-110 and Met-136 is increased in individuals with increased risk for coronary artery disease, such as in carrier of the eNOSa/b genotype and exposure to cigarette smoking. It is also present in increased levels in aortic lesions relative to native ApoA-I and increased levels are seen with increasing severity of disease.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Apolipoprotein A-I Apo-AI ApoA-I Apolipoprotein A1 Proapolipoprotein A-I

	ProapoA-I Truncated apolipoprotein A-I Apolipoprotein A-I 1-242
Molecular Weight	31 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6000MIM:105200
Alternative Names	Apolipoprotein A-I Apo-AI ApoA-I Apolipoprotein A1 Proapolipoprotein A-I ProapoA-I Truncated apolipoprotein A-I Apolipoprotein A-I 1-242
Function	Participates in the reverse transport of cholesterol from tissues to the liver for excretion by promoting cholesterol efflux from tissues and by acting as a cofactor for the lecithin cholesterol acyltransferase (LCAT). As part of the SPAP complex, activates spermatozoa motility.
Cellular Localization	Secreted.
Post-translational Modifications	Glycosylated. Palmitoylated. Phosphorylation sites are present in the extracellular medium.

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com