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anti-APOA1 antibody





Overview

Quantity:	200 μL
Target:	APOA1
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein of human APOA1 (NP_000030.1).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	APOA1
Alternative Name:	APOA1 (APOA1 Products)
Background:	This gene encodes apolipoprotein A-I, which is the major protein component of high density
	lipoprotein (HDL) in plasma. The encoded preproprotein is proteolytically processed to generate
	the mature protein, which promotes cholesterol efflux from tissues to the liver for excretion,
	and is a cofactor for lecithin cholesterolacyltransferase (LCAT), an enzyme responsible for the

Target Details

	formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein.
Molecular Weight:	Observed_MW: 31 kDa Calculated_MW: 30 kDa
Gene ID:	335
UniProt:	P02647
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Production of Molecular Mediator of Immune Response, Lipid Metabolism

Application Details

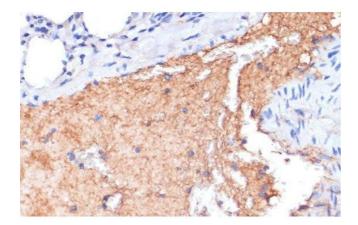
Storage:

Application Details	
Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

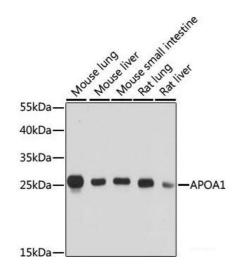
-20 °C

should be handled by trained staff only.



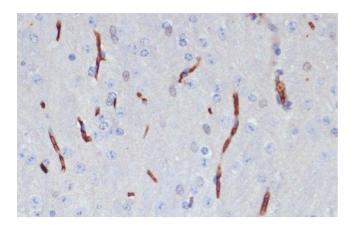
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Mouse lung using APOA1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using APOA1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Mouse brain using APOA1 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 4 images are available for ABIN7257722.