

Datasheet for ABIN3029990
anti-APOA1 antibody (AA 10-37)

6 Images

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Overview

Quantity:	0.4 mL
Target:	APOA1
Binding Specificity:	AA 10-37
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 10-37 from the human protein was used as the immunogen for this APOA1 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	APOA1
Alternative Name:	APOA1 (APOA1 Products)
Background:	Apolipoprotein A-I, is the major protein component of high density lipoprotein (HDL) in plasma. APOA1 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

Target Details

plasma cholesteryl esters. Defects in the APOA1 gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis.

UniProt:	P02647
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Production of Molecular Mediator of Immune Response , Lipid Metabolism

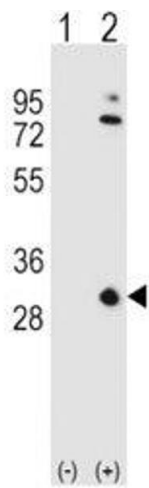
Application Details

Application Notes:	Titration of the APOA1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50
Restrictions:	For Research Use only

Handling

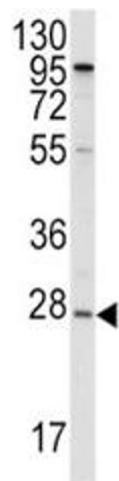
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the APOA1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



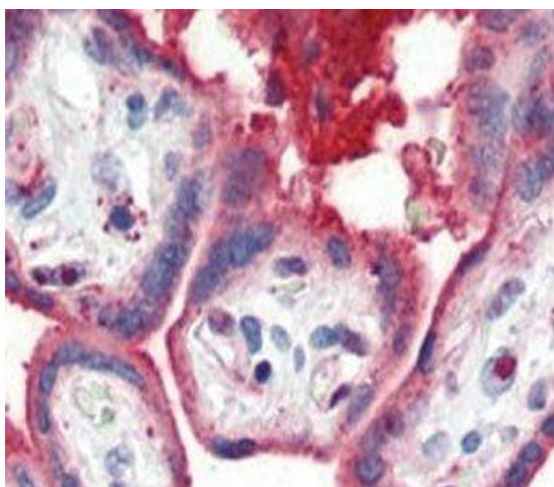
Western Blotting

Image 1. Western blot analysis of APOA1 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the APOA1 gene.



Western Blotting

Image 2. Western blot analysis of APOA1 antibody and HepG2 lysate.



Immunohistochemistry

Image 3. IHC analysis of FFPE human placenta tissue stained with APOA1 antibody

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3029990.