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Datasheet for ABIN391612  
**anti-APOA1 antibody (N-Term)**

5 Images

Overview

Quantity:	400 µL
Target:	APOA1
Binding Specificity:	AA 10-37, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This APOA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-37 amino acids from the N-terminal region of human APOA1.
Clone:	RB15148
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	APOA1
Alternative Name:	APOA1 ( <a href="#">APOA1 Products</a> )

## Target Details

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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 plasma cholesteryl esters. Defects in the APOA1 gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis.
Molecular Weight:	30778
Gene ID:	335
NCBI Accession:	<a href="#">NP_000030</a>
UniProt:	<a href="#">P02647</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Lipid Metabolism</a>

## Application Details

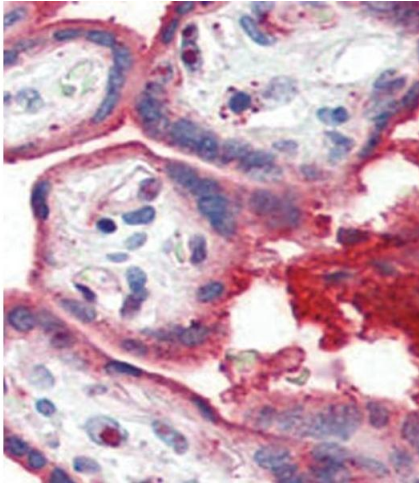
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Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. IHC-P: 1:10~50. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

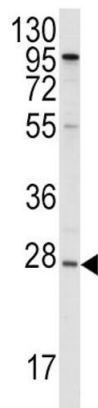
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



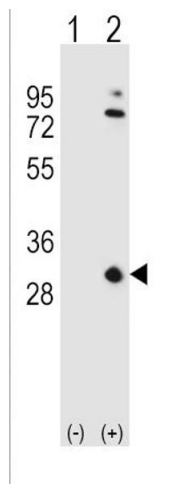
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human Placenta tissue reacted with OA1 antibody (N-term) 7414a , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** Western blot analysis of anti-OA1 Antibody (N-term) 7414a in HepG2 cell line lysates (35 µg/lane). OA1 (arrow) was detected using the purified Pab.



### Western Blotting

**Image 3.** Western blot analysis of OA1 (arrow) using rabbit polyclonal OA1 Antibody (N-term) 7414a. 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the OA1 gene.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN391612.