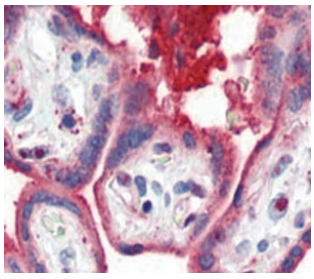
APOA1 Antibody (F50384)

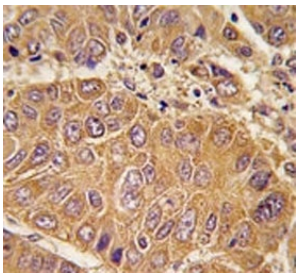
Catalog No.	Formulation	Size
F50384-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50384-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

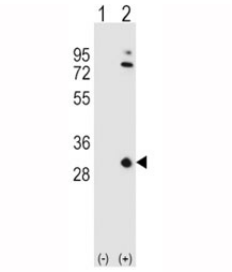
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P02647
Localization	Cytoplasmic, membranous
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This APOA1 antibody is available for research use only.



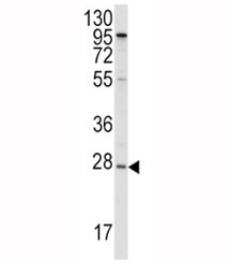
IHC analysis of FFPE human placenta tissue stained with APOA1 antibody



IHC analysis of FFPE human hepatocarcinoma tissue stained with APOA1 antibody



Western blot analysis of APOA1 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the APOA1 gene. Predicted molecular weight ~30kDa.



Western blot analysis of APOA1 antibody and HepG2 lysate. Predicted molecular weight ~30kDa.

Description

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.

For a broadly validated polyclonal option, see our APOA1 Antibody / Apolipoprotein A1 Antibody page.

Application Notes

Titration of the APOA1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 10-37 from the human protein was used as the immunogen for this APOA1 antibody.

Storage

Aliquot the APOA1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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