




Product datasheet

Anti-APOA4/Apo-AIV antibody [CL0468] ab211867

★★★★★ [1 Abreviews](#) [7 Images](#)

Overview

Product name	Anti-APOA4/Apo-AIV antibody [CL0468]
Description	Mouse monoclonal [CL0468] to APOA4/Apo-AIV
Host species	Mouse
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Cynomolgus monkey 
Immunogen	Recombinant fragment corresponding to Human APOA4/Apo-AIV aa 200 to the C-terminus. Database link: P06727  Run BLAST with  Run BLAST with
Epitope	Binds to an epitope located within the peptide sequence GHLSFLEKDL as determined by overlapping synthetic peptides.
Positive control	IHC-P: Human duodenum, kidney, rectum, liver and fallopian tube tissues; WB: Human plasma cell lysates
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Monoclonal

Clone number CL0468

Isotype IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab211867 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

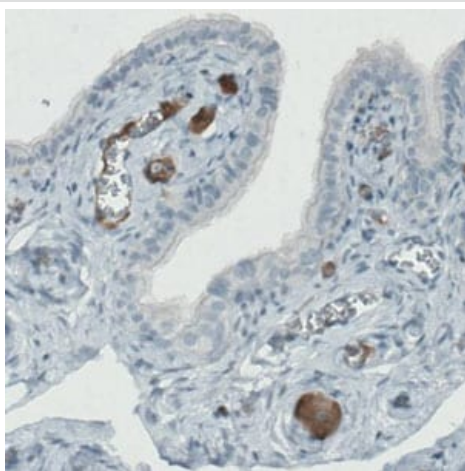
Application	Abreviews	Notes
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	1/500 - 1/1000. Predicted molecular weight: 45 kDa.

Target

Relevance APOA4 (apolipoprotein A-IV) is a component of HDL and chylomicrons. Its primary site of synthesis is the intestine, in association with lymph chylomicron particles. Although its precise function is not known, APOA4 is a potent activator of lecithin-cholesterol acyltransferase (LCAT) in vitro. In rodents, Apo A-IV inhibits gastric emptying and serves as a satiety factor whose synthesis and secretion are increased by the ingestion of dietary fat. It also possesses anti-inflammatory and antiatherogenic properties

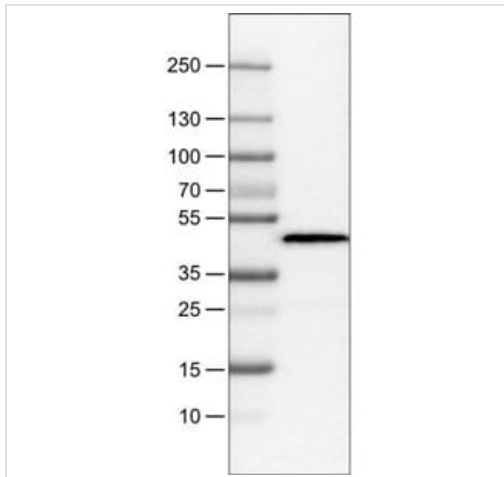
Cellular localization Secreted

Images



Immunohistochemical analysis of paraffin-embedded Human fallopian tube tissue labeling APOA4/Apo-AIV with ab211867 at 1/200 dilution.

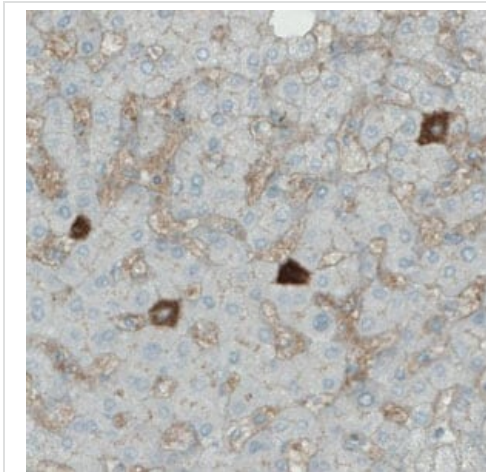
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOA4/Apo-AIV antibody [CL0468] (ab211867)



Western blot - Anti-APOA4/Apo-AIV antibody
[CL0468] (ab211867)

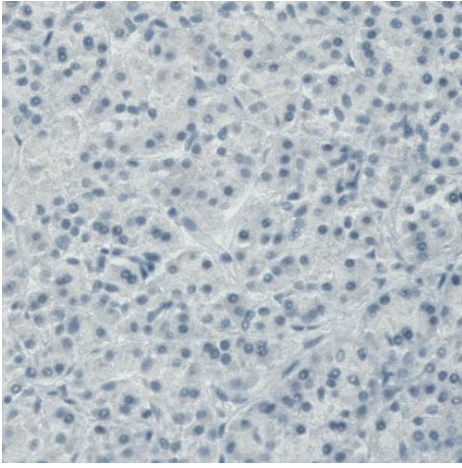
Anti-APOA4/Apo-AIV antibody [CL0468] (ab211867) at 1/500
dilution + Human plasma

Predicted band size: 45 kDa



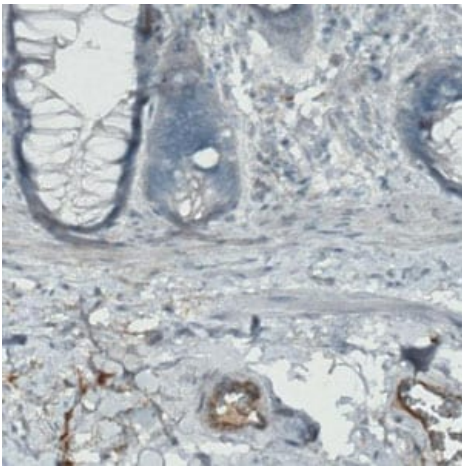
Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-APOA4/Apo-AIV
antibody [CL0468] (ab211867)

Immunohistochemical analysis of paraffin-embedded Human
liver tissue labeling APOA4/Apo-AIV with ab211867 at 1/200
dilution.



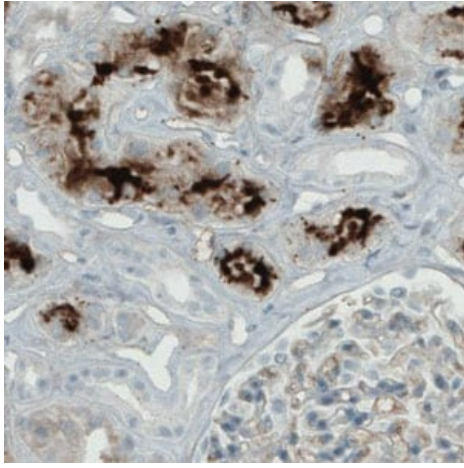
Negative control: Immunohistochemical analysis of paraffin-embedded Human pancreas tissue labeling APOA4/Apo-AIV with ab211867 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOA4/Apo-AIV antibody [CL0468] (ab211867)



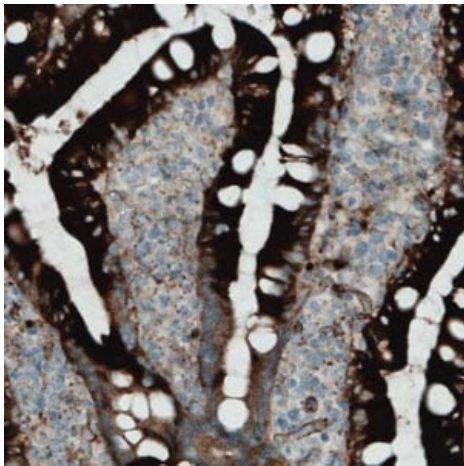
Immunohistochemical analysis of paraffin-embedded Human rectum tissue labeling APOA4/Apo-AIV with ab211867 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOA4/Apo-AIV antibody [CL0468] (ab211867)



Immunohistochemical analysis of paraffin-embedded Human kidney tissue labeling APOA4/Apo-AIV with ab211867 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOA4/Apo-AIV antibody [CL0468] (ab211867)



Immunohistochemical analysis of paraffin-embedded Human duodenum tissue labeling APOA4/Apo-AIV with ab211867 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOA4/Apo-AIV antibody [CL0468] (ab211867)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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