

Datasheet for ABIN708686
anti-APOA2 antibody (AA 24-100)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	APOA2
Binding Specificity:	AA 24-100
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOA2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APOA2
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog
Purification:	Purified by Protein A.

Target Details

Target:	APOA2
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Target Details

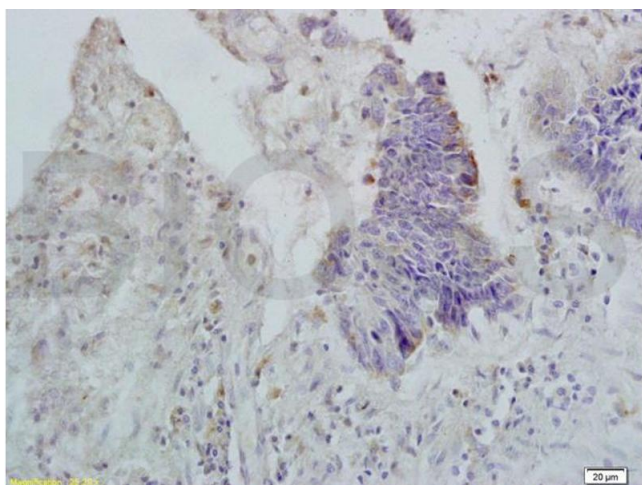
Alternative Name:	APOA2 (APOA2 Products)
Background:	<p>Synonyms: apoAII, Apo-AII, ApoA-II, Apolipoprotein A-II, Apolipoprotein A2, APOA2</p> <p>Background: Apolipoprotein A II is the second most abundant protein of the high density lipoprotein particles. The apolipoprotein A II gene consists of 4 exons and 3 introns. The four exons encode the 5' untranslated region, pre peptide, a short N terminal domain and a C terminal domain composed of a variable number of lipid binding amphipathic helices. Familial apolipoprotein A II deficiency may result from a splice junction alteration which blocks splicing of intron 3 from the primary transcript and result in the formation of a non functional mRNA.</p>
Gene ID:	336
UniProt:	P02652
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Production of Molecular Mediator of Immune Response , Negative Regulation of Transporter Activity , Lipid Metabolism

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

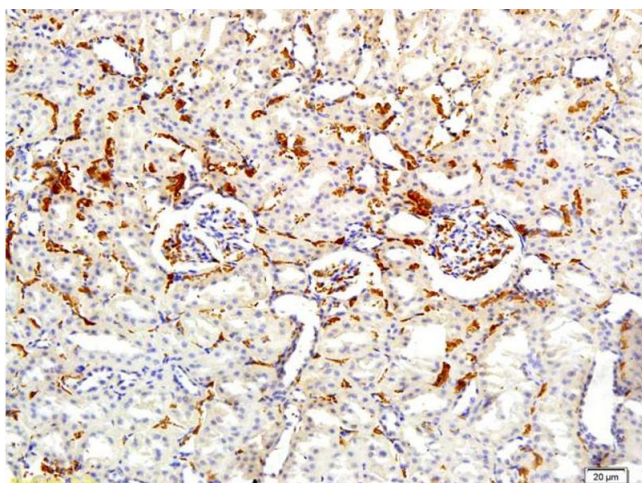
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human rectal carcinoma labeled with Rabbit Anti APOA2 Polyclonal Antibody, Unconjugated (ABIN708686) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat kidney labeled with Rabbit Anti APOA2 Polyclonal Antibody, Unconjugated (ABIN708686) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 3. Formalin-fixed and paraffin-embedded rat colitis labeled with Anti-APOA2 Polyclonal Antibody, Unconjugated (ABIN708686) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C.