

APOA2 Rabbit pAb

Catalog # AP98252

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P02652
Other Accession	P02652
Reactivity	Human
Predicted	Rat, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11175
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human APOA2
Epitope Specificity	24-100/100
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the apolipoprotein A2 family.
SUBUNIT	Homodimer; disulfide-linked. Also forms a disulfide-linked heterodimer with APOD. Interacts with HCV core protein. Interacts with APOA1BP and NDRG1.
Post-translational modifications	Met-49 is oxidized to methionine sulfoxide. Phosphorylation sites are present in the extracellular medium. Apolipoprotein A-II is O-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	336
Other Names	Apo-AII; ApoA-II; apoAII; APOA2_HUMAN; APOA2; Apolipoprotein A2; APOA2_RAT; apolipoprotein A-II
Dilution	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	APOA2
Function	May stabilize HDL (high density lipoprotein) structure by its association with lipids, and affect the HDL metabolism.
Cellular Location	Secreted.
Tissue Location	Plasma; synthesized in the liver and intestine.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.