

APOA4 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7591a

Specification

APOA4 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	P06727
Other Accession	P33621 , A8MSL6
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Antigen Region	49-79

APOA4 Antibody (N-term) - Additional Information

Gene ID 337

Other Names

Apolipoprotein A-IV, Apo-AIV, ApoA-IV, Apolipoprotein A4, APOA4

Target/Specificity

This APOA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 49-79 amino acids from the N-terminal region of human APOA4.

Dilution

WB~~1:1000
IHC-P~~1:10~50

Format

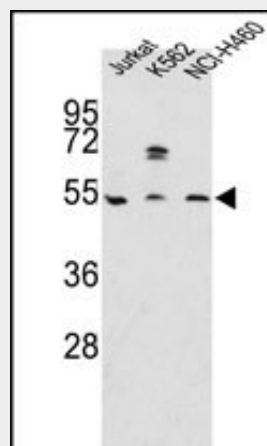
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

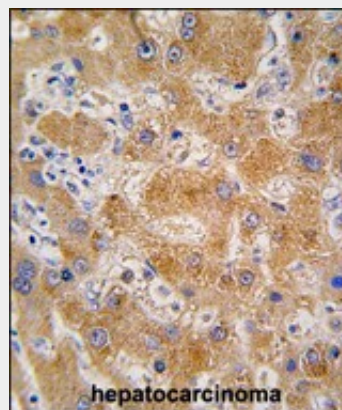
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

APOA4 Antibody (N-term) is for research



Western blot analysis of APOA4 Antibody (N-term) (Cat.#AP7591a) in Jurkat, K562, NCI-H460 cell line lysates (35ug/lane). APOA4 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with APOA4 antibody (N-term) (Cat.#AP7591a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

APOA4 Antibody (N-term) - Background

The primary translation product of the APOA4 gene is a 396-residue preprotein which after

use only and not for use in diagnostic or therapeutic procedures.

APOA4 Antibody (N-term) - Protein Information

Name APOA4

Function

May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. ApoA-IV is a major component of HDL and chylomicrons.

Cellular Location

Secreted.

Tissue Location

Synthesized primarily in the intestine and secreted in plasma

proteolytic processing is secreted into its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro.

APOA4 Antibody (N-term) - References

Chien,K.L., Clin. Chim. Acta 388 (1-2), 78-83 (2008)

Bai,H., Acta Cardiol 63 (3), 315-322 (2008)

APOA4 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)