

APOA4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21682a

Specification

APOA4 Antibody - Product Information

Application	WB,E
Primary Accession	P06727
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	45372

APOA4 Antibody - 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 a rabbit immunized with a recombinant protein.

Dilution

WB~~1:8000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

APOA4 Antibody - 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

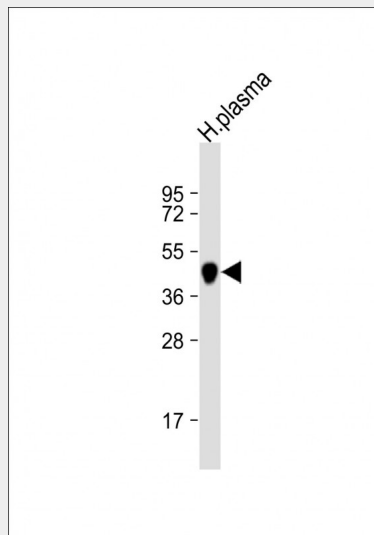
Synthesized primarily in the intestine and secreted in plasma

APOA4 Antibody - 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](#)

APOA4 Antibody - Images



Anti-APOA4 Antibody at 1:8000 dilution + human plasma lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

APOA4 Antibody - Background

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.

APOA4 Antibody - References

- Karathanasis S.K., et al. *Biochemistry* 25:3962-3970(1986).
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Elshourbagy N.A., et al. *J. Biol. Chem.* 262:7973-7981(1987).
Yang C., et al. *Biochim. Biophys. Acta* 1002:231-237(1989).
Fullerton S.M., et al. *Hum. Genet.* 115:36-56(2004).