

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

**Specification**

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**APOA4 Antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">P06727</a>
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

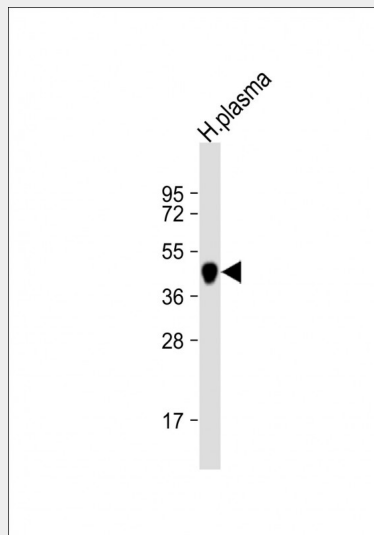
Synthesized primarily in the intestine and secreted in plasma

### 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  $\mu$ 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% NFD/DM/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).  
Karathanasis S.K., et al. *Proc. Natl. Acad. Sci. U.S.A.* 83:8457-8461(1986).  
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).