

APOA1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3941a**Specification**

APOA1 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P02647
Other Accession	NP_000030.1 , 335
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	30778

APOA1 Antibody (internal region) - Additional Information**Gene ID** 335**Other Names**

Apolipoprotein A-I, Apo-AI, ApoA-I, Apolipoprotein A1, Proapolipoprotein A-I, ProapoA-I, Truncated apolipoprotein A-I, Apolipoprotein A-I(1-242), APOA1

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

APOA1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

APOA1 Antibody (internal region) - Protein Information**Name** APOA1 ([HGNC:600](#))**Function**

Participates in the reverse transport of cholesterol from tissues to the liver for excretion by promoting cholesterol efflux from tissues and by acting as a cofactor for the lecithin cholesterol acyltransferase (LCAT). As part of the SPAP complex, activates spermatozoa motility.

Cellular Location
Secreted.**Tissue Location**

Major protein of plasma HDL, also found in chylomicrons. Synthesized in the liver and small intestine. The oxidized form at Met-110 and Met-136 is increased in individuals with increased risk for coronary artery disease, such as in carrier of the eNOSa/b genotype and exposure to cigarette smoking. It is also present in increased levels in aortic lesions relative to native ApoA-I and increased levels are seen with increasing severity of disease

APOA1 Antibody (internal region) - 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](#)

APOA1 Antibody (internal region) - Images

AF3941a (0.5 µg/ml) staining of Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

APOA1 Antibody (internal region) - References

The crystal structure of the C-terminal truncated apolipoprotein A-I sheds new light on amyloid formation by the N-terminal fragment. Gursky O, Mei X, Atkinson D. Biochemistry. 2012 Jan 10;51(1):10-8. PMID: 22229410