

**Anti-Apolipoprotein A-II (GOAT) Antibody**  
**APOLIPOPROTEIN A-II Antibody**  
Catalog # ASR5069**Specification**

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**Anti-Apolipoprotein A-II (GOAT) Antibody - Product Information**

Host	Goat
Conjugate	Unconjugated
Target Species	Human
Reactivity	Human
Clonality	Polyclonal
Application	WB, IHC, E, IP, I, LCI
Application Note	Anti-Apolipoprotein antibodies have been used for indirect trapping ELISA for quantitation of antigen in serum using a standard curve, for immunoprecipitation and for western blotting for highly sensitive qualitative analysis.
Physical State	Liquid (sterile filtered)
Buffer	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
Immunogen	Apolipoprotein Type A-II was isolated from human plasma by density gradient centrifugation followed by HPLC purification.
Preservative	0.01% (w/v) Sodium Azide

**Anti-Apolipoprotein A-II (GOAT) Antibody - Additional Information****Gene ID** 336**Other Names**  
336**Purity**

This product has been prepared by immunoaffinity chromatography using immobilized antigens followed by extensive cross-adsorption against other apolipoproteins and human serum proteins to remove any unwanted specificities. Typically less than 1% cross reactivity against other types of apolipoprotein was detected by ELISA against purified standards. This antibody reacts with human apolipoprotein A-II and has negligible cross-reactivity with Type A-I, B, C-I, C-II, C-III, E and J apolipoproteins. Specific cross reaction of anti-apolipoprotein antibodies with antigens from other species has not been determined. Non-specific cross reaction of anti-apolipoprotein antibodies with other human serum proteins is negligible.

**Storage Condition**

Store vial at 4° C prior to opening. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

### **Anti-Apolipoprotein A-II (GOAT) Antibody - 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.

### **Anti-Apolipoprotein A-II (GOAT) 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](#)

### **Anti-Apolipoprotein A-II (GOAT) Antibody - Images**

### **Anti-Apolipoprotein A-II (GOAT) Antibody - Background**

This antibody is suitable for cardiovascular research.