

### **ApoA-I Polyclonal Antibody**

**Catalog # AP73622** 

# **Specification**

# **ApoA-I Polyclonal Antibody - Product Information**

Application WB, IHC-P Primary Accession P02647

Reactivity Human, Mouse

Host Rabbit Clonality Polyclonal

### **ApoA-I Polyclonal Antibody - Additional Information**

Gene ID 335

**Other Names** 

APOA1; Apolipoprotein A-I; Apo-AI; ApoA-I; Apolipoprotein A1

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other

applications. IHC-P~~N/A

**Format** 

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** 

-20°C

#### **ApoA-I Polyclonal Antibody - 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

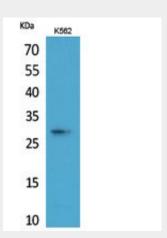


# **ApoA-I Polyclonal Antibody - Protocols**

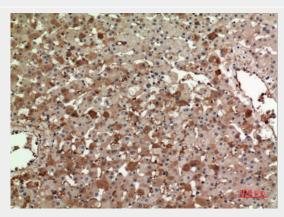
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## **ApoA-I Polyclonal Antibody - Images**

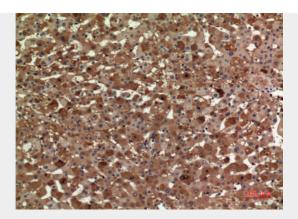


Western Blot analysis of K562 cells using ApoA-I Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

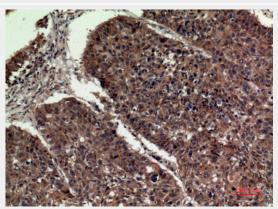


Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

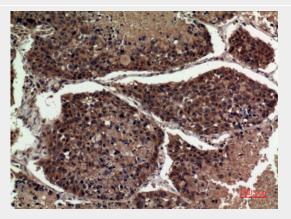




Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

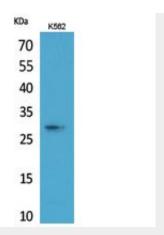


Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100

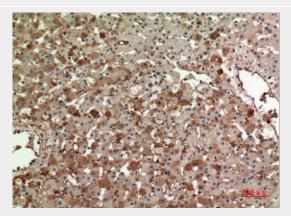


Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100

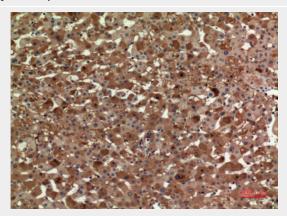




Western Blot analysis of K562 cells using ApoA-I Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

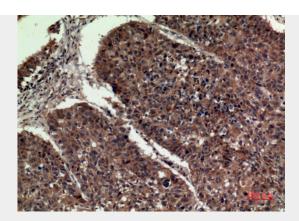


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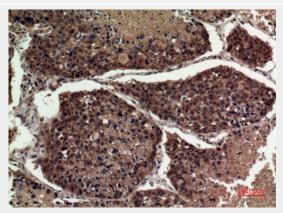


Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100





Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100

# **ApoA-I Polyclonal Antibody - Background**

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