10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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℃

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

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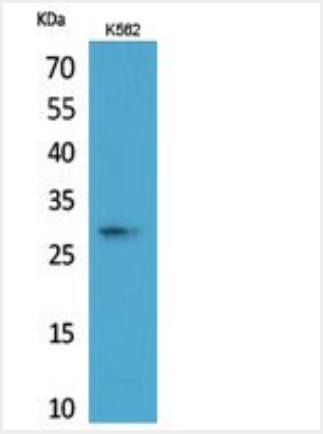
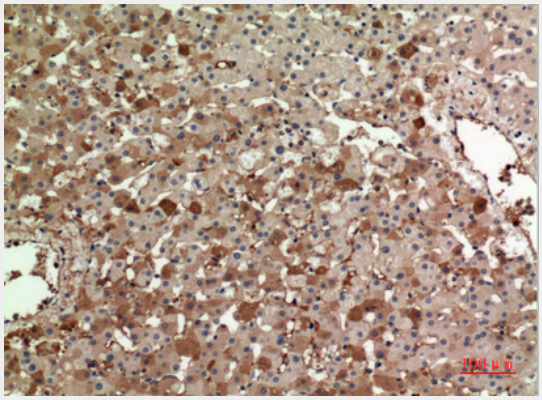
ApoA-I Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ApoA-I Polyclonal Antibody - Images





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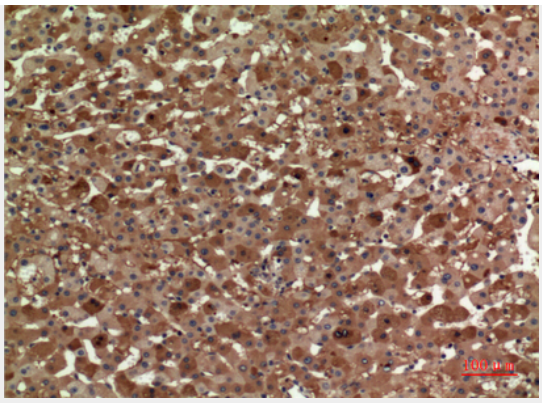

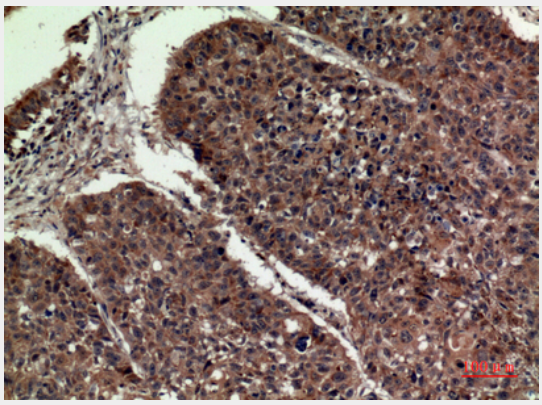

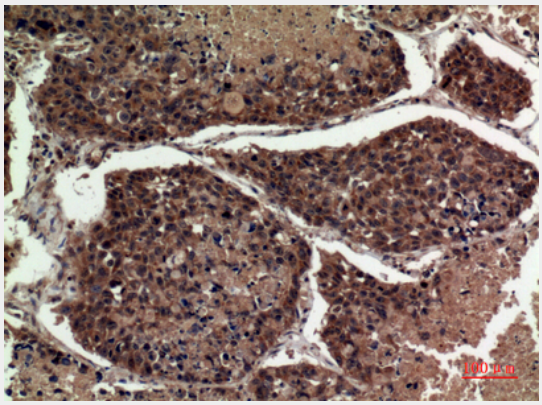

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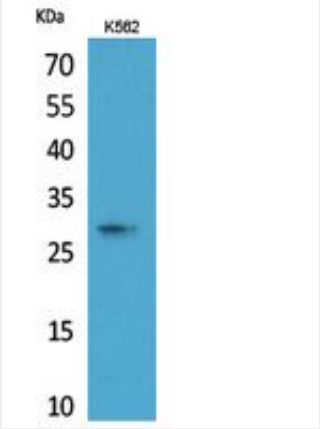

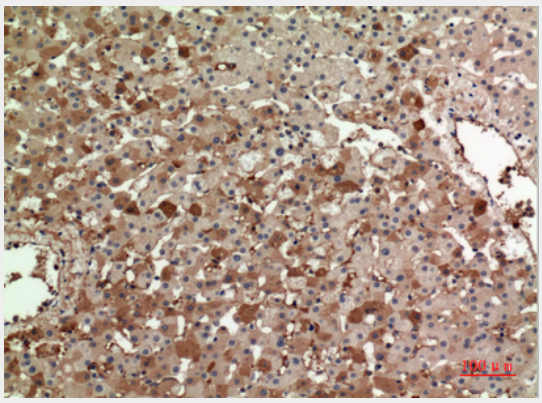

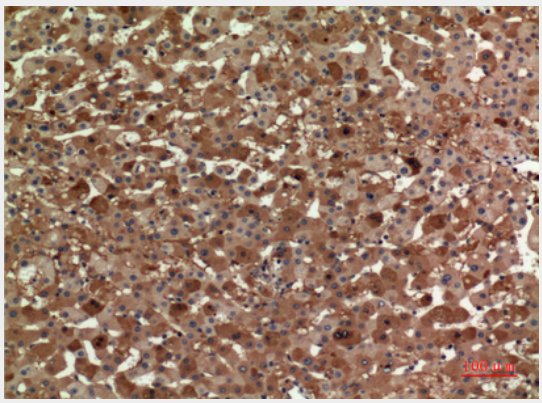

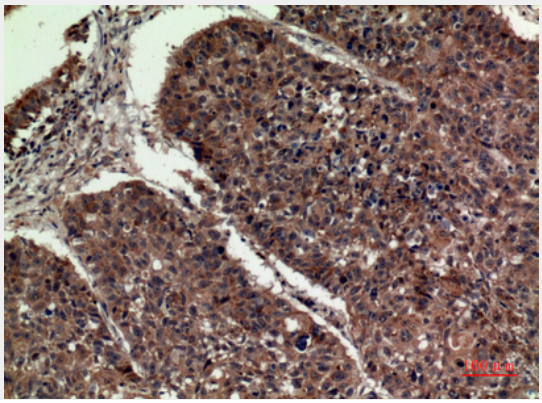

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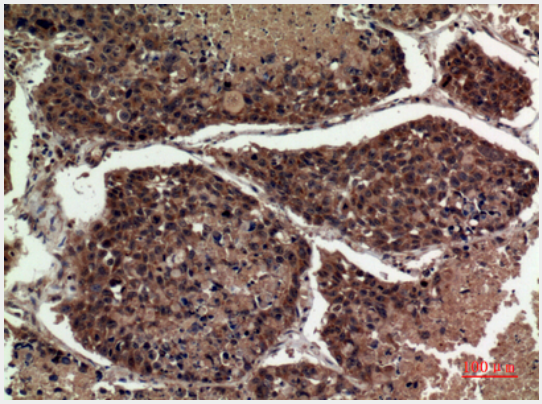

ApoA-I Polyclonal Antibody - Background

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