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Anti-ALPHA-1-ACID GLYCOPROTEIN (Human Plasma) (RABBIT) Antibody

Alpha-1-Acid Glycoprotein Antibody
Catalog # ASR4346

Specification

Anti-ALPHA-1-ACID GLYCOPROTEIN (Human Plasma) (RABBIT) Antibody - Product Information

Host	**Rabbit**
Conjugate	**Unconjugated**
Target Species	**Human**
Reactivity	**Human**
Clonality	**Polyclonal**
Application	**WB, IHC, E, I, LCI**
Application Note	**Anti-Alpha-1-Acid Glycoprotein Antibody has been tested by western blot and is suitable for ELISA. Researchers should determine optimal titers for applications that are not stated below.**
Physical State	**Lyophilized**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Immunogen	**Anti-Alpha-1-Acid Glycoprotein Antibody was produced by repeated immunizations with human plasma a-1-Acid Glycoprotein.**
Reconstitution Volume	**100 µL**
Reconstitution Buffer	**Restore with deionized water (or equivalent)**
Preservative	**0.01% (w/v) Sodium Azide**

Anti-ALPHA-1-ACID GLYCOPROTEIN (Human Plasma) (RABBIT) Antibody - Additional Information

Gene ID 5004

Other Names
5004

Purity
Alpha-1-Acid Glycoprotein Antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified a-1-Acid Glycoprotein (Human Plasma). Cross-reactivity against a-1-Acid Glycoprotein from other tissues and species may occur but has not been specifically determined.

Storage Condition
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted

liquid. Dilute only prior to immediate use.

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

Anti-ALPHA-1-ACID GLYCOPROTEIN (Human Plasma) (RABBIT) Antibody - Protein Information

Name ORM1

Synonyms AGP1

Function
Functions as a transport protein in the blood stream. Binds various ligands in the interior of its beta-barrel domain. Also binds synthetic drugs and influences their distribution and availability in the body. Appears to function in modulating the activity of the immune system during the acute-phase reaction.

Cellular Location
Secreted.

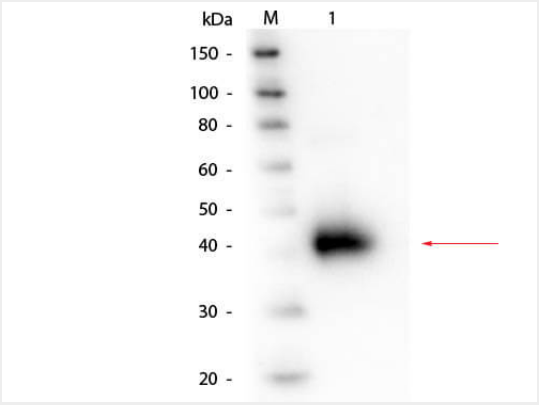
Tissue Location
Expressed by the liver and secreted in plasma.

Anti-ALPHA-1-ACID GLYCOPROTEIN (Human Plasma) (RABBIT) 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

Anti-ALPHA-1-ACID GLYCOPROTEIN (Human Plasma) (RABBIT) Antibody - Images



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Western Blot of Alpha-1-Acid Glycoprotein (Human Plasma) Antibody. Lane 1: Alpha-1-Acid Glycoprotein (Human Plasma). Load: 50 ng. Primary antibody: Alpha-1-Acid Glycoprotein (Human Plasma) antibody at 1:1,000 overnight at 4°C. Secondary antibody: HRP conjugated rabbit secondary antibody at 1:40,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: Predicted at 24 kDa/Observed - 40 kDa; protein migrates at 40 kDa.

Anti-ALPHA-1-ACID GLYCOPROTEIN (Human Plasma) (RABBIT) Antibody - Background

Anti-Alpha-1-Acid Glycoprotein Antibody detects Alpha-1-Acid Glycoprotein. A-1-Acid Glycoprotein is expressed by the liver and secreted in plasma. It functions as a transport protein in the blood stream. It binds various ligands in the interior of its beta-barrel domain. It binds synthetic drugs and influences their distribution and availability in the body. It appears to function in modulating the activity of the immune system during the acute-phase reaction. Anti-Alpha-1-Acid Glycoprotein Antibody is ideal for investigators involved in Cell Signaling, Neuroscience and Signal Transduction research.