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

Alpha-1-Acid Glycoprotein Antibody Biotin Conjugated
Catalog # ASR4529

Specification

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

Host	**Rabbit**
Conjugate	**Biotin**
Target Species	**Human**
Reactivity	**Human**
Clonality	**Polyclonal**
Application	**WB, E, I, LCI**
Application Note	**Anti-Alpha-1-Acid Glycoprotein Biotin Antibody has been tested by ELISA and western blot and is assayed against 1.0 ug of a-1-Acid Glycoprotein in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.**
Physical State	**Lyophilized**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Immunogen	**Anti-Acid Glycoprotein Antibody was produced by repeated immunizations with a-1-Acid Glycoprotein isolated from human plasma.**
Reconstitution Volume	**100 µL**
Reconstitution Buffer	**Restore with deionized water (or equivalent)**
Stabilizer	**10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free**
Preservative	**0.01% (w/v) Sodium Azide**

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

Gene ID 5004

Other Names
5004

Purity

Anti-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-Biotin, 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 sources 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 Biotin Conjugated - 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 Biotin Conjugated - 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 Biotin Conjugated - Images

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

- Background

Alpha-1-Acid Glycoprotein antibody detects Alpha-1-Acid Glycoprotein . Alpha-1-Acid Glycoprotein belongs to the calycin superfamily and functions as an transport protein in the blood stream. It binds various ligands in the interior of its beta-barrel domains. It also binds synthetic drugs and influences their distribution and availability in the body. Alpha-1-Acid Glycoprotein appears to function in modulating the activity of the immune system during an acute-phase reaction. Acid Glycoprotein expression is controlled by glucocorticoids, interleukin-1 and interleukin-6. Anti-Alpha-1-Acid Glycoprotein Antibody is ideal for investigators involved in Cell Signaling, Immunology, Neuroscience and Cell Biology research.