

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 acidl) 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. 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. 100 μL

Reconstitution Volume

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

Physical State

Other Names

5004

Purity



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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

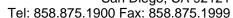
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- 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.