



Anti-ALPHA-1-ACID GLYCOPROTEIN (Human Plasma) (RABBIT) Antibody - 100-401-046

Code: 100-401-046

Size: 2 mL

Product Description: Anti-ALPHA-1-ACID GLYCOPROTEIN (Human Plasma) (RABBIT) Antibody - 100-401-046

Concentration: 90 mg/mL by Refractometry

Physical State: Lyophilized

Label	Unconjugated
Host	Rabbit
Gene Name	ORM1
Species Reactivity	human
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
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.
Synonyms	rabbit anti-Alpha 1 acid glycoprotein antibody, Alpha 1 agp antibody, Glycoprotein alpha acid of serum antibody, OMD 1 antibody, omd1 antibody, orm antibody, ORM1 antibody, Orosomucoid 1 antibody, agpa antibody,
Application Note	Anti-Alpha-1-Acid Glycoprotein has been assayed against 1.0 ug of Alpha-1-Acid Glycoprotein [Human Plasma] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis[3-ethylbenzothiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:10,000 of the reconstitution concentration is suggested for this product.
Background	Alpha-1-Acid Glycoprotein 1 functions as transport protein in the blood stream. It binds various ligands in the interior of its beta-barrel domain. Alpha-1-Acid Glycoprotein also 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.
Purity And Specificity	This product was prepared from monospecific antiserum by a delipidation and defibrillation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Alpha-1-Acid Glycoprotein [Human Plasma]. Cross reactivity against Alpha-1-Acid Glycoprotein from other tissues and species may occur but have not been specifically determined.
Assay Dilutions	User Optimized
ELISA	1:20,000 - 1:100,000
Western Blot	1:2,000 - 1:10,000
Immunohistochemistry	1:500 - 1:2,500
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Alpha-1-Acid Glycoprotein [Human Plasma]
Related Products	
009-001-301	IL-1ß Human Recombinant Protein - 009-001-301
009-001-306	TNF-a Human Recombinant Protein - 009-001-306
109-401-301	Anti-Human IL-1 beta (RABBIT) Antibody - 109-401-301

109-401-306

Anti-Human TNF alpha (RABBIT) Antibody - 109-401-306

Related Links

UniProtKB - P02763

<http://www.uniprot.org/uniprot/P02763>

NCBI - P02763.1 <http://www.ncbi.nlm.nih.gov/protein/P02763.1>

GeneID - 5004

Disclaimer

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