

Rabbit Alpha-1 Acid Glycoprotein Polyclonal Antibody | anti-ORM1 antibody

Alpha-1 Acid Glycoprotein Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312106	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Alpha-1 Acid Glycoprotein; Polyclonal Antibody; Alpha-1 Acid Glycoprotein Antibody; A1AG1_HUMAN antibody; AGP 1 antibody; AGP A antibody; AGP antibody; AGP1 antibody; Alpha 1 acid glycoprotein antibody; Alpha-1-acid glycoprotein 1 antibody; alpha-1-AGP antibody; Epididymis secretory sperm binding protein Li 153w antibody; glycoprotein; alpha-1-acid; of serum antibody; HEL S 153w antibody; OMD 1 antibody; ORM antibody; ORM1 antibody; Orosomucoid 1 antibody; Orosomucoid-1 antibody; anti-ORM1 antibody

PRODUCT SPECIFICATIONS

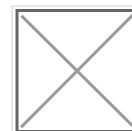
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Protein affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ORM1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



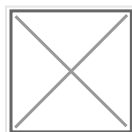
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells with Alpha-1 Acid Glycoprotein antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



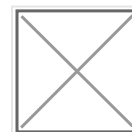
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat liver tissue using anti-Alpha-1 Acid Glycoprotein antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Alpha-1 Acid Glycoprotein antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Alpha-1 Acid Glycoprotein antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Alpha-1 Acid Glycoprotein on human liver tissue lysates using anti-Alpha-1 acid glycoprotein antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ORM1 antibody	AGP (alpha1-acid glycoprotein) is an acute phase plasma protein synthesized by the liver. It functions to regulate the interaction between blood cells and endothelial cells, and together with haptoglobin and C reactive protein, it also mediates the extravasation of cells during infection and inflammation. Expression of AGP is induced by acute-phase stimulatory agents such as bacterial lipopolysaccharides. AGP has a high affinity, low capacity binding for basic drugs at physiological pH. In human plasma, AGP is found at levels of 0.5-1.4 mg/ml, though this is elevated during acute inflammation, and, as a result, levels of this protein can be used to identify inflammatory conditions. AGP-1 and AGP-2 contain five and six potential N-glycosylation sites, respectively. Abnormal expression of the APG-1 gene is linked to sarcoidosis and other immunogenetic diseases, while mutations in the APG-2 gene are associated with different types of carcinomas.
Product Categories/Family for anti-ORM1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	112877
NCBI GeneID	5004
UniProt Accession #	P02763; Q5T539; Q5U067; Q8TC16; B7ZKQ5; AAB33887
Molecular Weight	201
NCBI Official Full Name	Alpha-1-acid glycoprotein 1
NCBI Official Synonym Full Names	orosomucoid 1
NCBI Official Symbol	ORM1
NCBI Official Synonym Symbols	ORM; AGP1; AGP-A; HEL-S-153w
NCBI Protein Information	alpha-1-acid glycoprotein 1; AGP 1; OMD 1; orosomucoid-1; epididymis secretory sperm binding protein Li 153w
UniProt Protein Name	Alpha-1-acid glycoprotein 1
UniProt Gene Name	ORM1
UniProt Synonym Gene Names	AGP1; AGP 1; OMD 1
UniProt Entry Name	A1AG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpha-1-acid-glycoprotein-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/312106>