

Rabbit ORM1 Polyclonal Antibody | anti-ORM1 antibody

Anti-ORM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46623	Rabbit	Human, Mouse, Rat No cross reactivity with other proteins.	ELISA, Immunohistochemistry, Western Blot

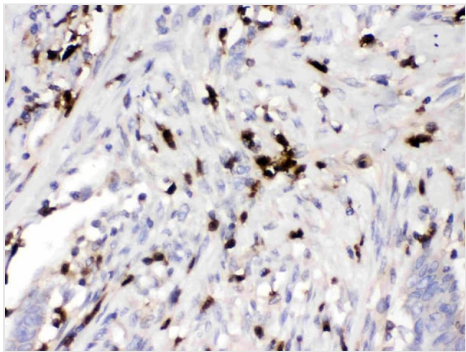
PRODUCT SYNONYMS

ORM1; Polyclonal Antibody; Anti-ORM1 Antibody; AGP 1; AGP1; AGP-1; AGP A; AGPA; AGP; OMD 1; ORM; Orosomuroid 1; Orosomuroid-1; P02763; Alpha-1-acid glycoprotein 1; orosomuroid 1; anti-ORM1 antibody

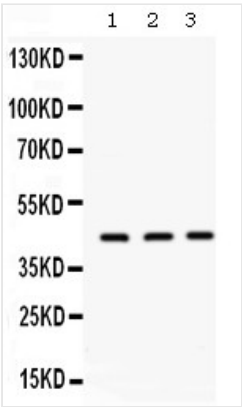
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	201
Applicable Applications for anti-ORM1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human ORM1 recombinant protein (Position: Q19-S201). Human ORM1 shares 47.5% and 48.1% amino acid (aa) sequence identity with mouse and rat ORM1, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
ORM1 was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- ORM1 Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of ORM1 expression in rat liver extract (lane 1), mouse liver extract (lane 2) and PANC whole cell lysates (lane 3). ORM1 at 45KD was detected using rabbit anti-ORM1 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-ORM1 antibody	Rabbit IgG polyclonal antibody for Alpha-1-acid glycoprotein 1 (ORM1) detection. Background: Alpha-1-acid glycoprotein 1 is a protein that in humans is encoded by the ORM1 gene. The structural gene for orosomucoid (ORM1) is assigned to the end of the long arm of chromosome 9 by demonstration of linkage to ABO and AK1. This gene encodes a key acute phase plasma protein. Because of its increase due to acute inflammation, this protein is classified as an acute-phase reactant. The specific function of this protein has not yet been determined; however, it may be involved in aspects of immunosuppression.
References	1. "Entrez Gene: ORM1 orosomucoid 1". 2. Boncela, J; Papiewska I; Fijalkowska I; Walkowiak B; Cierniewski C S (Sep 2001). "Acute phase protein alpha 1-acid glycoprotein interacts with plasminogen activator inhibitor type 1 and stabilizes its inhibitory activity". J. Biol. Chem. (United States) 276 (38): 35305-11. 3. Eiberg, H., Mohr, J., Nielsen, L. S. Linkage of orosomucoid (ORM) to ABO and AK1. (Abstract) Cytogenet. Cell Genet. 32: 272 only, 1982.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167857790
NCBI GeneID	5004
NCBI Accession #	NP_000598.2
NCBI GenBank Nucleotide #	NM_000607.2
UniProt Accession #	P02763; Q5T539; Q5U067; Q8TC16; B7ZKQ5; AAB33887
Molecular Weight	23,512 Da
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
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/orm1-antibody-immunohistochemistry-western-blot-elisa/46623>