

Rabbit anti-Human, mouse OAZ1 Polyclonal Antibody | anti-OAZ1 antibody

OAZ1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284838	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

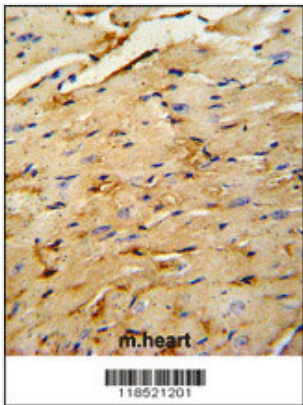
PRODUCT SYNONYMS

OAZ1; Polyclonal Antibody; OAZ1 Antibody (N-term); Ornithine decarboxylase antizyme 1; ODC-Az; OAZ; anti-OAZ1 antibody

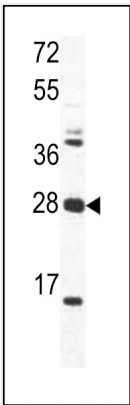
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OAZ1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-31 amino acids from the N-terminal region of human OAZ1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	2-31
Sequence Length	228
Applicable Applications for anti-OAZ1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded mouse heart tissue reacted with OAZ1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of OAZ1 Antibody (N-term) in mouse heart tissue lysates (35ug/lane). OAZ1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-OAZ1 antibody	OAZ1 catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. This protein play a role in the regulation of polyamine synthesis by binding to and inhibiting ornithine decarboxylase. The protein expression is auto-regulated by polyamine-enhanced translational frameshifting.
Product Categories/Family for anti-OAZ1 antibody	Metabolism; Signal Transduction
References	Grimwood J., Gordon L.A.Nature 428:529-535(2004) Hayashi T., Matsufuji S.Gene 203:131-139(1997) Tewari D.S., Qian Y.Biochim. Biophys. Acta 1209:293-295(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9845505
NCBI GeneID	4946
NCBI Accession #	NP_004143.1
NCBI GenBank Nucleotide #	NM_004152.3
UniProt Accession #	P54368; O43382; Q14989; Q92595; Q9UPL9
Molecular Weight	25406
NCBI Official Full Name	ornithine decarboxylase antizyme 1 isoform 1
NCBI Official Synonym Full Names	ornithine decarboxylase antizyme 1
NCBI Official Symbol	OAZ1
NCBI Official Synonym Symbols	AZI; OAZ
NCBI Protein Information	ornithine decarboxylase antizyme 1
UniProt Protein Name	Ornithine decarboxylase antizyme 1
UniProt Gene Name	OAZ1
UniProt Synonym Gene Names	OAZ; ODC-Az
UniProt Entry Name	OAZ1_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/oaz1-antibody-immunohistochemistry-western-blot-elisa/284838>