OAZ2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OAZ2, Polyclonal Antibody
Full Product Name	OAZ2, CT (OAZ2, Ornithine decarboxylase antizyme 2) (MaxLight 490)
Product Gene Name	anti-OAZ2 antibody
Product Synonym Names	OAZ2; Ornithine decarboxylase antizyme 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	21,011 Da
OMIM	604152
3D Structure	ModBase 3D Structure for O95190
Immunogen	OAZ2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-155 amino acids from the C-terminal region of human OAZ2.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-OAZ2 antibody	Antibodies; Enzymes; Decarboxylase
Applications Tested/Suitable for anti-OAZ2 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-OAZ2 antibody	IHC: 1:50-100 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-OAZ2 antibody	Ornithine decarboxylase catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. The ornithine decarboxylase antizymes play a role in the regulation of polyamine synthesis by binding to and inhibiting ornithine decarboxylase. Antizyme expression is auto-regulated by polyamine-enhanced translational frameshifting. The antizyme encoded by this gene inhibits ornithine decarboxylase but does not accelerate its degradation. [provided by RefSeq].
Product References and Citations for anti-OAZ2 antibody	Geerts, D., et al. Int. J. Cancer 126(9):2012-2024(2010). Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007): Mangold, U., et al. Biochem. J. 385 (PT 1), 21-28 (2005): Chen, H., et al. J. Biol. Chem. 277(48):45957-45961(2002). Coffino, P. Proc. Natl. Acad. Sci. U.S.A. 97(9):4421-4423(2000).

Other Notes	Small volumes of anti-OAZ2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for OAZ2 purchase	MBS6327486 is an antibody targeting OAZ2. Also known as OAZ2, CT (OAZ2, Ornithine decarboxylase antizyme 2) (MaxLight 490). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OAZ2. It may not necessarily be applicable to this product.

NCBI GI #	9845507
NCBI GeneID	4947
NCBI Accession #	NP_002528.1
UniProt Primary Accession #	O95190
UniProt Related Accession #	O95190
GenBank Nucleotide #	NM_002537.3
NCBI Official Full Name	ornithine decarboxylase antizyme 2 isoform 1
NCBI Official Synonym Full Names	ornithine decarboxylase antizyme 2
NCBI Official Symbol	OAZ2
NCBI Official Synonym Symbols	AZ2
UniProt Protein Name	Ornithine decarboxylase antizyme 2
Protein Family	Ornithine decarboxylase antizyme
UniProt Gene Name	OAZ2
UniProt Synonym Gene Names	AZ2; ODC-Az 2
UniProt Entry Name	OAZ2_HUMAN
NCBI Protein Information	ornithine decarboxylase antizyme 2; ODC-Az 2
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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