

OAZ2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56050

Specification

OAZ2 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	O95190
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human OAZ2
Epitope Specificity	31-130/189
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus (By similarity).
SIMILARITY	Belongs to the ODC antizyme family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

OAZ2 Polyclonal Antibody - Additional Information

Gene ID 4947

Other Names

Ornithine decarboxylase antizyme 2, AZ2, ODC-Az 2, OAZ2

Dilution

WB~~1:1000
IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

OAZ2 Polyclonal Antibody - Protein Information

Name OAZ2

Function

Ornithine decarboxylase (ODC) antizyme protein that negatively regulates ODC activity and intracellular polyamine biosynthesis and uptake in response to increased intracellular polyamine levels. Binds to ODC monomers, inhibiting the assembly of the functional ODC homodimers. Does not target the ODC monomers for degradation, which allows a protein synthesis-independent restoration of ODC activity (PubMed:17900240). Involved in the translocation of AZIN2 from ER-Golgi intermediate compartment (ERGIC) to the cytosol (By similarity).

Cellular Location

Nucleus.

OAZ2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OAZ2 Polyclonal Antibody - Images