

Goat anti-OAZ1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF4410a**Specification**

Goat anti-OAZ1 Antibody - Product Information

Application	Pep-ELISA
Primary Accession	P54368
Other Accession	NP_004143.1
Reactivity	Human, Pig, Dog, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	25406

Goat anti-OAZ1 Antibody - Additional Information**Gene ID** 4946**Other Names**

OAZ1; ornithine decarboxylase antizyme 1; AZI; OAZ; ODC-Az; antizyme 1

Dilution

Pep-ELISA~~N/A

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-OAZ1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-OAZ1 Antibody - Protein Information**Name** OAZ1**Synonyms** OAZ**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 homodimer, and targets the monomers for ubiquitin- independent proteolytic destruction by the 26S proteasome

(PubMed:17900240, PubMed:26305948, PubMed:26443277). Triggers ODC degradation by inducing the exposure of a cryptic proteasome- interacting surface of ODC (PubMed:26305948). Stabilizes AZIN2 by interfering with its ubiquitination (PubMed:17900240). Also inhibits cellular uptake of polyamines by inactivating the polyamine uptake transporter. SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1. Involved in the translocation of AZIN2 from ER-Golgi intermediate compartment (ERGIC) to the cytosol (PubMed:12097147).

Goat anti-OAZ1 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](#)

Goat anti-OAZ1 Antibody - Images