

Datasheet for ABIN6263789
anti-OAZ3 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µL |
| Target: | OAZ3 |
| Binding Specificity: | Internal Region |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OAZ3 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB) |

Product Details

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|-----------------------|---|
| Immunogen: | A synthesized peptide derived from human OAZ3, corresponding to a region within the internal amino acids. |
| Isotype: | IgG |
| Specificity: | OAZ3 Antibody detects endogenous levels of total OAZ3. |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Rabbit,Dog |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

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|---------|------|
| Target: | OAZ3 |
|---------|------|

Target Details

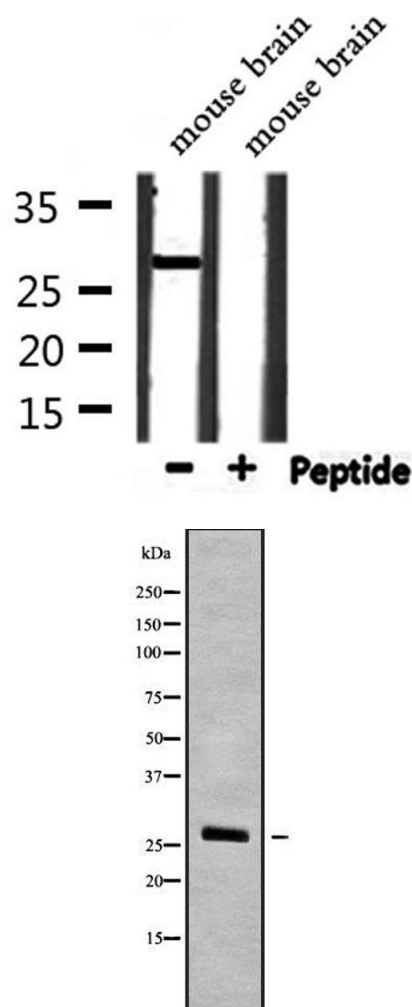
| | |
|-------------------|--|
| Alternative Name: | OAZ3 (OAZ3 Products) |
| Background: | <p>Description: Ornithine decarboxylase (ODC) antizyme protein that negatively regulates ODC activity and intracellular polyamine biosynthesis and uptake in response to increased intracellular polyamine levels. 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). Stabilizes AZIN2 by interfering with its ubiquitination. Involved in the translocation of AZIN2 from ER-Golgi intermediate compartment (ERGIC) to the cytosol. Probably plays a key role in spermatogenesis by regulating the intracellular concentration of polyamines in haploid germ cells (By similarity).</p> <p>Gene: OAZ3</p> |
| Molecular Weight: | 27 kDa |
| Gene ID: | 51686 |
| UniProt: | Q9UMX2 |

Application Details

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|--------------------|--|
| Application Notes: | WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

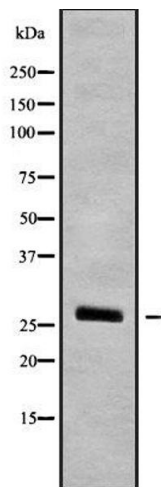
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



Western Blotting

Image 1. Western blot analysis of extracts from mouse brain, using OAZ3 Antibody.



Western Blotting

Image 2. Western blot analysis OAZ3 using HT29 whole cell lysates