Datasheet for ABIN953799
anti-OAZ2 antibody (C-Term)
2 Images


## Overview

| Quantity: | 0.4 mL |
| :--- | :--- |
| Target: | OAZ2 |
| Binding Specificity: | AA 128-155, C-Term |
| Reactivity: | Human, Mouse |
| Host: | Pobbit |
| Clonality: | This OAZ2 antibody is un-conjugated |
| Conjugate: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme <br> Application: |

## Product Details

| Immunogen: | KLH conjugated synthetic peptide between 128-155 amino acids from the C-terminal region of <br> Human OAZ2 |
| :--- | :--- |
| Isotype: | Ig Fraction |
| Specificity: | This antibody recognizes Human and Mouse OAZ2 (C-term). |
| Purification: | Protein A column, followed by peptide affinity purification |
| Target Details | OAZ2 |
| Target: | OAZ2 (OAZ2 Products) |
| Alternative Name: |  |

Target Details

| Background: | 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].Synonyms: AZ2, ODC-Az 2, Ornithine decarboxylase antizyme 2 |
| :---: | :---: |
| Molecular Weight: | 21011 Da |
| Gene ID: | 4947 |
| NCBI Accession: | NP_002528 |
| Application Details |  |
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $0.25 \mathrm{mg} / \mathrm{mL}$ |
| Buffer: | PBS containing $0.09 \%$ (W/V) Sodium Azide as preservative |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | $4^{\circ} \mathrm{C} /-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Store undiluted at $2-8{ }^{\circ} \mathrm{C}$ for one month or (in aliquots) at $-20^{\circ} \mathrm{C}$ for longer. |



Immunohistochemistry (Paraffin-embedded Sections)
Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma reacted with OAZ2 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.

## Western Blotting

Image 2. Western blot analysis of OAZ2 Antibody (C-term) in mouse lung tissue lysates (35ug/lane). This demonstrates the OAZ2 antibody detected the OAZ2 protein (arrow).

