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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:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OAZ2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 128-155 amino acids from the C-terminal region of Human OAZ2
lsotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse OAZ2 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OAZ2
Alternative Name:	OAZ2 (OAZ2 Products)

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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 mg/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 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



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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).

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