

Product datasheet for **AP52982PU-N**

OAZ2 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/50-1/50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 128-155 amino acids from the C-terminal region of Human OAZ2
Specificity:	This antibody recognizes Human and Mouse OAZ2 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ornithine decarboxylase antizyme 2
Database Link:	Entrez Gene 18247 Mouse Entrez Gene 4947 Human O95190



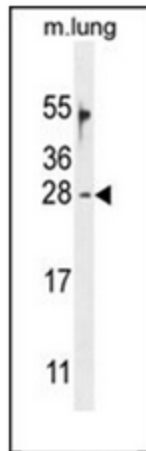
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Background: Ornithine decarboxylase catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. The ornithine decarboxylase antizymes play a role in the regulation of polyamine synthesis 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].

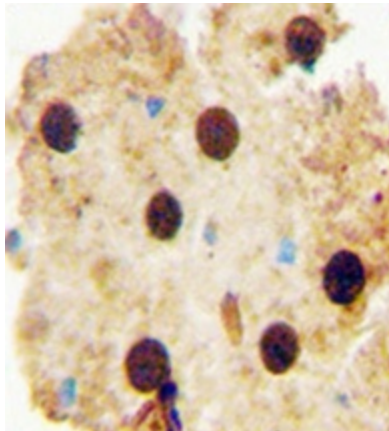
Synonyms: Ornithine decarboxylase antizyme 2, ODC-Az 2, AZ2

Note: **Molecular Weight:** 21011 Da

Product images:



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).



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.