

For Research Use Only

# Antizyme inhibitor 1 Polyclonal antibody

Catalog Number: 11548-1-AP

12 Publications



## Basic Information

Catalog Number:

11548-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2082

GenBank Accession Number:

BC019279

GeneID (NCBI):

51582

UNIPROT ID:

O14977

Full Name:

antizyme inhibitor 1

Calculated MW:

49.5 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : A549 cells, HepG2 cells, NCI-H1299 cells, PC-3 cells

## Background Information

AZIN1(Antizyme inhibitor 1) is also named as OAZI, OAZIN and belongs to the Orn/Lys/Arg decarboxylase class-II family. It catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis, and playing a role in the regulation of polyamine synthesis (negative regulator of cellular polyamines).

## Notable Publications

Author	Pubmed ID	Journal	Application
Anna Bianchi-Smiraglia	30198908	J Clin Invest	WB
Lichan Tao	27698941	Theranostics	WB
Leng Han	26439496	Cancer Cell	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

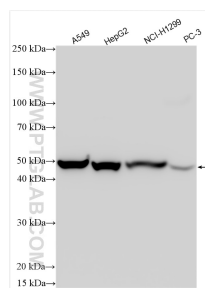
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11548-1-AP (Antizyme inhibitor 1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.