

For Research Use Only

Antizyme inhibitor 1 Polyclonal antibody



Catalog Number: 11548-1-AP

12 Publications

Basic Information

| | | |
|--|--|--|
| Catalog Number: 11548-1-AP | GenBank Accession Number: BC019279 | Purification Method: Antigen affinity purification |
| Size: 400 µg/ml | GeneID (NCBI): 51582 | Recommended Dilutions: WB 1:1000-1:6000 |
| Source: Rabbit | UNIPROT ID: O14977 | |
| Isotype: IgG | Full Name: antizyme inhibitor 1 | |
| Immunogen Catalog Number: AG2082 | Calculated MW: 49.5 kDa | |
| | Observed MW: 50 kDa | |

Applications

| | |
|--|--|
| Tested Applications: WB, ELISA | Positive Controls: WB : A549 cells, HepG2 cells, NCI-H1299 cells, PC-3 cells |
| Cited Applications: WB, IF, IHC | |
| Species Specificity: human, mouse, rat | |
| Cited Species: human, rat, mouse | |

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

For technical support and original validation data for this product please contact:

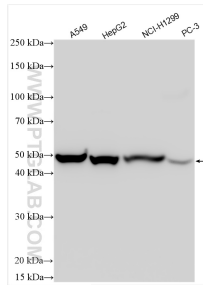
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.