

MAZ Rabbit pAb

Catalog # AP99604

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	P56270
Other Accession	P56270
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48608
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MAZ
Epitope Specificity	211-310/477
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 6 C2H2-type zinc fingers.
SUBUNIT	Interacts with BPTF.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The Myc-associated zinc finger protein MAZ is a transcription factor that participates in both the initiation and termination of transcription of target genes. MAZ functions as a true transcriptional repressor in that it represses transcription independent of the c-Myc promoter. Both MAZ and SP1 bind to the parathyroid hormone (PTH)/ PTH-related peptide receptor promoter, thereby influencing the cell-specific expression of its gene product. MAZ and SP1 also regulate expression from the serotonin 1A receptor gene promoter, suggesting that MAZ may act on a variety of promoters through G-C rich sequences, which serve as binding sites for the SP1 family of transcription factors. Competition between SP1 and MAZ control tissue-specific expression of the PNMT gene. The interaction of MAZ with the transcriptional repressor FAC1 may affect gene regulation in neurodegeneration. MAZ also acts as a growth suppressor protein, in part by affecting the levels of key cell cycle regulatory proteins such as cyclin A and E.

Additional Information

Gene ID	4150
Other Names	PUR1; Pur-1; SAF-1; SAF-2; SAF-3; ZF87; ZNF801; Zif87; MAZI; MAZ_HUMAN; MAZ; Purine-binding transcription factor; Serum amyloid A-activating factor-1 (SAF-1); Transcription factor Zif87; Zinc finger protein 801; MAZ_MOUSE; MYC associated zinc finger protein; MYC-associated zinc finger protein (purine-binding transcription factor)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
----------------	---

Protein Information

Name	MAZ
Synonyms	ZNF801
Function	Transcriptional regulator, potentially with dual roles in transcription initiation and termination.
Cellular Location	Nucleus. Note=In brains of Alzheimer disease patients, present in a plaque-like structures
Tissue Location	Present in kidney, liver and brain. In the brain, highest levels are found in motor cortex and midfrontal cortex (at protein level).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.