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# MAZ Rabbit pAb

Catalog # AP99604

## Product Information

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| **Application** | IHC-P, IHC-F, IF, E |
| **Primary Accession** | P56270 |
| **Other Accession** | P56270 |
| **Predicted** | Rat, Human, Mouse |
| **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

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| **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 |

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| | 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

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| **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'.