

Rabbit MAZ Polyclonal Antibody | anti-MAZ antibody

Phospho-MAZ (Thr72) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329815	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig (100%)	ELISA, Western Blot

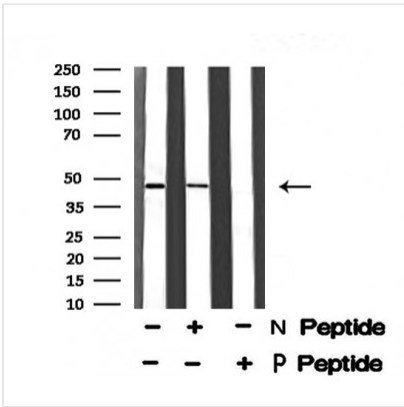
PRODUCT SYNONYMS

MAZ; Polyclonal Antibody; Phospho-MAZ (Thr72) Antibody; MAZ_HUMAN; MAZI; MYC associated zinc finger protein; Myc-associated zinc finger protein; Pur-1; Pur1; Purine binding transcription factor; Purine-binding transcription factor; SAF 1; SAF 2; SAF-1; SAF-2; SAF-3; Serum amyloid A activating factor 1; Serum amyloid A activating factor 2; Transcription factor Zif87; ZF87; Zif87; Zinc finger protein 801; Zinc finger protein; 87 kilodaltons; ZNF801; anti-MAZ antibody

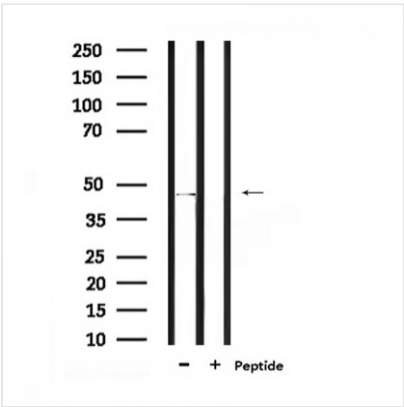
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-MAZ (Thr72) Antibody detects endogenous levels of MAZ only when phosphorylated at Thr72. Tissue Specificity: Present in kidney, liver and brain. In the brain, highest levels are found in motor cortex and midfrontal cortex (at protein level).
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-MAZ antibody	ELISA (Peptide ELISA), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MAZ around the phosphorylation site of Thr72.
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Interacts with BPTF.
Subcellular Location	Nucleus. Note: In brains of Alzheimer disease patients, present in a plaque-like structures.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of MAZ (Phospho-Thr72) using PDGF treated NIH-3T3 whole cell lysates. -/+ means absence or presence of N peptide/non-phospho peptide) and P peptide(phospho peptide).



WB (Western Blot)
Western blot analysis of extracts from 293, using MAZ (Phospho-Thr72) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MAZ antibody	May function as a transcription factor with dual roles in transcription initiation and termination. Binds to two sites, ME1a1 and ME1a2, within the MYC promoter having greater affinity for the former. Also binds to multiple G/C-rich sites within the promoter of the Sp1 family of transcription factors. Regulates inflammation-induced expression of serum amyloid A proteins.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110347459
NCBI GeneID	4150
NCBI Accession #	NP_001036004.1
NCBI GenBank Nucleotide #	NM_001042539.2
UniProt Accession #	P56270; Q15703; Q8NFN7; Q99443; A8QJL9; G5E927
Molecular Weight	48,608 Da
NCBI Official Full Name	myc-associated zinc finger protein isoform 2
NCBI Official Synonym Full Names	MYC-associated zinc finger protein (purine-binding transcription factor)
NCBI Official Symbol	MAZ
NCBI Official Synonym Symbols	PUR1; ZF87; Pur-1; SAF-1; SAF-2; SAF-3; Zif87; ZNF801
NCBI Protein Information	myc-associated zinc finger protein; MAZI; zinc finger protein 801; transcription factor Zif87; purine-binding transcription factor; serum amyloid A activating factor 1; serum amyloid A activating factor 2; serum amyloid A-activating factor-1; zinc-finger
UniProt Protein Name	Myc-associated zinc finger protein
UniProt Gene Name	MAZ
UniProt Synonym Gene Names	ZNF801; MAZI; SAF-1
UniProt Entry Name	MAZ_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

