

Datasheet for ABIN7599387
anti-MAZ antibody (AA 1-430)



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Overview

Quantity:	100 µg
Target:	MAZ
Binding Specificity:	AA 1-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAZ antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-MAZ Antibody Picoband®
Immunogen:	E.coli-derived human MAZ recombinant protein (Position: M1-E430). Human MAZ shares 98.1% amino acid (aa) sequence identity with mouse MAZ.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-MAZ Antibody Picoband® (ABIN7599387). Tested in WB, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target:	MAZ
Alternative Name:	MAZ (MAZ Products)
Background:	Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody Tissue Specificity: Expressed in all tissues. Background: Myc-associated zinc finger protein is a protein that in humans is encoded by the MAZ gene. MAZ may function as a transcription factor with dual roles in transcription initiation and termination. It binds to two sites, ME1a1 and ME1a2, within the c-myc promoter having greater affinity for the former. It also binds to multiple G/C-rich sites within the promoter of the Sp1 family of transcription factors.
Molecular Weight:	55 kDa
Gene ID:	4150
UniProt:	P56270
Pathways:	Chromatin Binding

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Almeida-Vega, S., Catlow, K., Kenny, S., Dimaline, R., Varro, A. Gastrin activates paracrine
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Application Details

networks leading to induction of PAI-2 via MAZ and ASC-1. Am. J. Physiol. Gastrointest. Liver Physiol. 296: G414-G423, 2009. 2. Bossone, S. A., Asselin, C., Patel, A. J., Marcu, K. B. MAZ, a zinc finger protein, binds to c-MYC and C2 gene sequences regulating transcriptional initiation and termination. Proc. Nat. Acad. Sci. 89: 7452-7456, 1992. 3. Kennedy, G. C., Rutter, W. J. Pur-1, a zinc-finger protein that binds to purine-rich sequences, transactivates an insulin promoter in heterologous cells. Proc. Nat. Acad. Sci. 89: 11498-11502, 1992.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.