

For Research Use Only

MAZ Polyclonal antibody

Catalog Number: 21068-1-AP

7 Publications



Basic Information

Catalog Number:

21068-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15200

GenBank Accession Number:

BC041629

GeneID (NCBI):

4150

UNIPROT ID:

P56270

Full Name:

MYC-associated zinc finger protein
(purine-binding transcription factor)

Calculated MW:

477 aa, 49 kDa

Observed MW:

49-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

IF/ICC: 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF, ChIP

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, mouse lung tissue

IF/ICC : A431 cells,

Background Information

Myc-associated zinc finger protein (MAZ) is a six zinc finger protein with a G-rich binding motif. MAZ is often found at genomic binding sites adjacent to CTCF, a protein which affects large-scale genome organization through its interaction with cohesin (PMID: 33558242). MAZ is widely expressed in most human tissues, such as heart, lung, brain, liver, placenta, testis, colon, peripheral blood leukocytes, skeletal muscle, thymus, pancreas, prostate, thyroid, and adrenal gland (PMID: 35098656). In cancer, MAZ has been proved to be highly expressed in malignant tumors, and to promote cancer progression and metastasis by regulating the transcription of downstream target genes through directly binding with target gene promoters or synergistic action with other transcription factors.

Notable Publications

Author	Pubmed ID	Journal	Application
Hailong Gong	36164395	Oxid Med Cell Longev	WB
Yayun Gu	36577384	Cell Rep	IF
Yun Liu	40543234	Phytomedicine	WB,IHC,IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

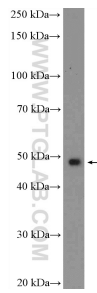
T: 4006900926

E: Proteintech-CN@ptglab.com

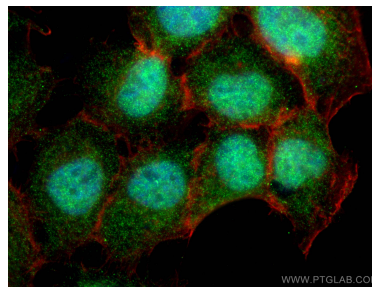
W: ptgcn.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 21068-1-AP (MAZ Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using MAZ antibody (21068-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).