antibodies - online.com







anti-MXI1 antibody (AA 53-82)





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Overview		
Quantity:	400 μL	
Target:	MXI1	
Binding Specificity:	AA 53-82	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MXI1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This MXI1 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 53-82 amino acids from the Central region of human MXI1.	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	MXI1	
Alternative Name:	MXI1 (MXI1 Products)	
Background:	Expression of the c-myc gene, which produces an oncogenic transcription factor, is tightly	
	regulated in normal cells but is frequently deregulated in human cancers. The protein encoded	
	by this gene is a transcriptional repressor thought to negatively regulate MYC function, and is	

Target Details

therefore a potential tumor suppressor. This protein inhibits the transcriptional activity of MYC by competing for MAX, another basic helix-loop-helix protein that binds to MYC and is required for its function. Defects in this gene are frequently found in patients with prostate tumors.

Three alternatively spliced transcripts encoding different isoforms have been described.

Additional alternatively spliced transcripts may exist but the products of these transcripts have not been verified experimentally.

Molecular Weight: 26 kDa

Gene ID: 4601

UniProt: P50539

Pathways: Maintenance of Protein Location

Application Details

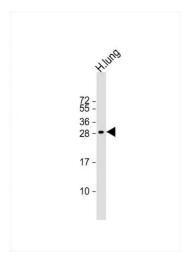
Application Notes: For WB starting dilution is: 1:1000

Restrictions: For Research Use only

Handling

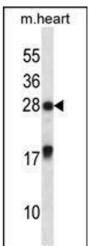
Format:	Liquid	
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to	

prolonged high temperatures.



Western Blotting

Image 1. Western Blot at 1:2000 dilution + human lung lysate Lysates/proteins at 20 ug per lane.



Western Blotting

Image 2. Western blot analysis in mouse heart tissue lysates (35ug/lane).