

Datasheet for ABIN6144207
anti-MXI1 antibody (AA 76-295)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MXI1
Binding Specificity:	AA 76-295
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MXI1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 76-295 of human MXI1 (NP_569157.2).
Sequence:	LLEAASYLEQ IEKENKKCEH GYASSFPSMP SPRLQHSKPP RRLSRAQKHS SGSSNTSTAN RSTHNELEKN RRAHLRLCLE RLKVLIPLGP DCTRHTTLGL LNKAKAHIKK LEEAERKSQH QLENLREQR FLKWRLEQLQ GPQEMERIRM DSIGSTISSD RSDSEREEIE VDVESTEFSSH GEVDNISTTS ISDIDDHSSL PSIGSDEGYS SASVKLSFTS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

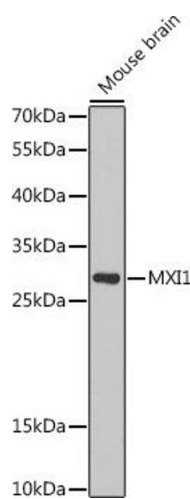
Target:	MXI1
Alternative Name:	MXI1 (MXI1 Products)
Background:	<p>Expression of the c-myc gene, which produces an oncogenic transcription factor, is tightly regulated in normal cells but is frequently deregulated in human cancers. The protein encoded by this gene is a transcriptional repressor thought to negatively regulate MYC function, and is 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.,MXI1,MAD2,MXD2,MXI,bHLHc11,Epigenetics & Nuclear Signaling,Transcription Factors,MXI1</p>
Molecular Weight:	20 kDa/21 kDa/26 kDa/32 kDa
Gene ID:	4601
UniProt:	P50539
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse brain, using MXI1 antibody (ABIN6128219, ABIN6144207, ABIN6144209 and ABIN6222361) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.