

Datasheet for ABIN7126729 **anti-MXI1 antibody**

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Overview

Quantity:	100 µg
Target:	MXI1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MXI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant full-length human MXI1 protein
Isotype:	IgG2b
Specificity:	<p>It is now well established that Myc regulation of cell proliferation and differentiation involves a family of related transcription factors. One such factor, Max, is an obligate heterodimeric partner for Myc and can also form heterodimers with at least four related proteins designated Mad 1, Mxi1 (also designated Mad 2), Mad 3 and Mad 4. Like Mad 1 and Mxi1, association of Mad 3 and Mad 4 with Max results in transcriptional repression. Both Myc and the Mad proteins have short half-lives and their synthesis is tightly regulated, while Max expression is constitutive and relatively stable. Two related mammalian cDNAs have been identified and shown to encode Mad-binding proteins. Both possess sequence homology with the yeast transcription repressor Sin3 including four conserved paired amphipathic helix (PAH) domains. mSin3A and mSin3B specifically interact with the Mad proteins via their second paired amphipathic helix domain (PAH2). It has been suggested that Mad-Max heterodimers repress transcription by tethering</p>

Product Details

	mSin3 to DNA as corepressors.
Cross-Reactivity (Details):	Human
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	MXI1
Alternative Name:	MXI1 (MXI1 Products)
Background:	BHLHc11, Class C basic helix-loop-helix protein 11, MAX dimerization protein 2 (MAD2), MAX interacting protein 1, Max interactor 1, Max related transcription factor, MXD2, MXI, MXI1 protein,MXI1 Cellular localisation: Nucleus.
Molecular Weight:	26/22/33/21 kDa (isoforms)
Gene ID:	4601
UniProt:	P50539
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), ,Optimal dilution for a specific application should be determined. Positive_Control: HeLa or K562 cells.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months