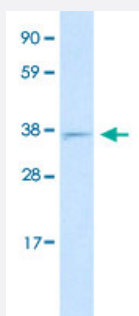


MXI1 polyclonal antibody

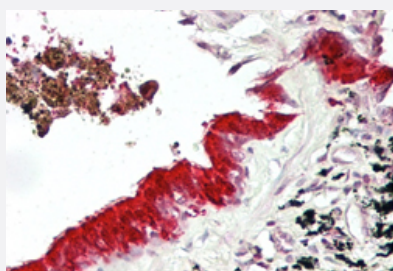
Catalog # PAB29927 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human fetal brain tissue lysate with MXI1 polyclonal antibody (Cat # PAB29927) at 0.2-1 ug/mL working concentration.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung with MXI1 polyclonal antibody (Cat # PAB29927) at 4-8 ug/mL working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human MXI1.
Immunogen	A synthetic peptide corresponding to internal region of human MXI1.
Sequence	LNKAKAHIKKLEEAERKSQHQLENLEREQRFLKWRLEQLQGPEMERIRM
Host	Rabbit
Theoretical MW (kDa)	26
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (0.2-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — MXI1

Entrez GeneID	4601
GeneBank Accession#	NM_130439
Protein Accession#	NP_569157:P50539
Gene Name	MXI1
Gene Alias	MAD2, MGC43220, MXD2, MXI, bHLHc11
Gene Description	MAX interactor 1
Omim ID	176807 600020
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

MAX dimerization protein 2|MAX interacting protein 1|MAX-interacting protein 1|Max-related transcription factor|OTTHUMP00000020467|OTTHUMP00000020468|OTTHUMP00000020469

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)