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Datasheet

MXI1 MaxPab mouse polyclonal antibody (B02)

Catalog Number: H00004601-B02

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human MXI1 protein.

Immunogen: MXI1 (NP_005953.4, 1 a.a. ~ 228 a.a) full-length human protein.

Sequence:
MERVKMINVQRLLEAAEFLERRERECEHGYASSFPSM
PSPRLQHSKPPRRLSRAQKHSSGSSNTSTANRSTHN
ELEKNRRAHLRLCLERLKVLIPLGPDCTRHTTLGLLNK
AKAHIKKLEEAERKSQHQLENLEREQRFLKWRLEQLQ
GPQEMERIRMDSIGSTISSDRSDSEREEIEVDVESTEF
SHGEVDNISTTSISDIDDHSSLPSIGSDEGYSSASVKLS
FTS

Host: Mouse

Reactivity: Human

Applications: WB-Ti, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4601

Gene Symbol: MXI1

Gene Alias: MAD2, MGC43220, MXD2, MXI, bHLHc11

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]