

## MXD1 Polyclonal Antibody

Catalog No: #30472

Package Size: #30472-1 50ul #30472-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

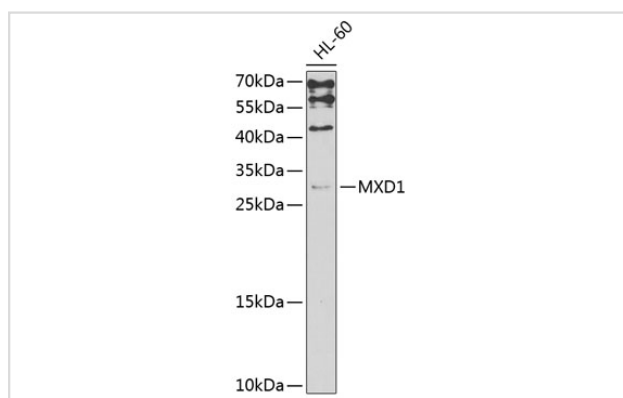
## Description

Product Name	MXD1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human MXD1 (NP_002348.1).
Other Names	MXD1; BHLHC58; MAD; MAD1; max dimerization protein 1
Accession No.	Swiss-Prot#:Q05195NCBI Gene ID:4084
Uniprot	Q05195
GeneID	4084;
Calculated MW	30kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB 1:500 - 1:2000

## Images



Western blot analysis of extracts of HL-60 cells, using MXD1 at 1:1000 dilution.

## Background

This gene encodes a member of the MYC/MAX/MAD network of basic helix-loop-helix leucine zipper transcription factors. The MYC/MAX/MAD transcription factors mediate cellular proliferation, differentiation and apoptosis. The encoded protein antagonizes MYC-mediated transcriptional activation of target genes by competing for the binding partner MAX and recruiting repressor complexes containing histone deacetylases. Mutations in this gene may play a role in acute leukemia, and the encoded protein is a potential tumor suppressor. Alternatively spliced transcript variants encoding

multiple isoforms have been observed for this gene.

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Note: This product is for in vitro research use only