

For Research Use Only

# MXI1 Polyclonal antibody

Catalog Number: 12360-1-AP **2 Publications**



## Basic Information

|  |  |  |
|--|--|--|
| <b>Catalog Number:</b><br>12360-1-AP       | <b>GenBank Accession Number:</b><br>BC012907 | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>170 µg/ml                  | <b>GeneID (NCBI):</b><br>4601                | <b>Recommended Dilutions:</b><br>WB 1:200-1:1000             |
| <b>Source:</b><br>Rabbit                   | <b>UNIPROT ID:</b><br>P50539                 |  |
| <b>Isotype:</b><br>IgG                     | <b>Full Name:</b><br>MAX interactor 1        |  |
| <b>Immunogen Catalog Number:</b><br>AG3024 | <b>Calculated MW:</b><br>228 aa, 26 kDa      |  |
|  | <b>Observed MW:</b><br>26-29 kDa             |  |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, ELISA         | <b>Positive Controls:</b><br>WB : SH-SY5Y cells, mouse brain tissue |
| <b>Cited Applications:</b><br>WB                 |   |
| <b>Species Specificity:</b><br>human, mouse, rat |   |
| <b>Cited Species:</b><br>human                   |   |

## Background Information

MXI1 is a transcription factor containing a basic helix-loop-helix leucine zipper (bHLHzip) and belongs to the Myc-Max-Mad transcriptional network. It 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.

## Notable Publications

| Author      | Pubmed ID | Journal          | Application |
|-------------|-----------|------------------|-------------|
| Fengfeng Wu | 35071320  | Front Mol Biosci | WB          |
| Yige Wu     | 36973268  | Nat Commun       | WB          |

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

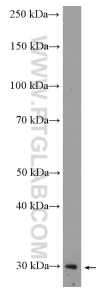
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## Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 12360-1-AP (MXI1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.