

**MAD3 / MXD3 Antibody (C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2282a****Specification**

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**MAD3 / MXD3 Antibody (C-Term) - Product Information**

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Application       | IHC, IF, E                                          |
| Primary Accession | <a href="#">O9BW11</a>                              |
| Other Accession   | <a href="#">NP_112590.1</a> , <a href="#">83463</a> |
| Reactivity        | Human                                               |
| Host              | Goat                                                |
| Clonality         | Polyclonal                                          |
| Concentration     | 0.5 mg/ml                                           |
| Isotype           | IgG                                                 |
| Calculated MW     | 23477                                               |

**MAD3 / MXD3 Antibody (C-Term) - Additional Information****Gene ID** 83463**Other Names**

Max dimerization protein 3, Max dimerizer 3, Class C basic helix-loop-helix protein 13, bHLHc13, Max-associated protein 3, Max-interacting transcriptional repressor MAD3, Myx, MXD3, BHLHC13, MAD3

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MAD3 / MXD3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**MAD3 / MXD3 Antibody (C-Term) - Protein Information****Name** MXD3**Synonyms** BHLHC13, MAD3**Function**

Transcriptional repressor. Binds with MAX to form a sequence- specific DNA-binding protein complex which recognizes the core sequence 5'-CAC[GA]TG-3'. Antagonizes MYC transcriptional activity by competing for MAX and suppresses MYC dependent cell transformation (By similarity).

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

**MAD3 / MXD3 Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MAD3 / MXD3 Antibody (C-Term) - Images****MAD3 / MXD3 Antibody (C-Term) - Background**

This antibody is expected to recognise isoform a (NP\_112590.1) only.

**MAD3 / MXD3 Antibody (C-Term) - References**

Mad3 and Mad4: novel Max-interacting transcriptional repressors that suppress c-myc dependent transformation and are expressed during neural and epidermal differentiation. Hurlin PJ, Queva C, Koskinen PJ, Steingrimsson E, Ayer DE, Copeland NG, Jenkins NA, Eisenman RN. EMBO J. 1995 Nov 15;14(22):5646-59. PMID: 8521822