

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

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

Application	IHC, IF, E
Primary Accession	O9BW11
Other Accession	NP_112590.1 , 83463
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

Dilution

IHC~~1:100~500

IF~~1:50~200

E~~N/A

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