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Datasheet for ABIN2779271
anti-MXD3 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	MXD3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MXD3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MXD3
Sequence:	PIHRRKKRPP QAPGAQDSGR SVHNELEKRR RAQLKRCLER LKQQMPLGAD
Predicted Reactivity:	Cow: 93%, Dog: 86%, Horse: 93%, Human: 100%, Mouse: 85%, Pig: 86%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against MXD3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	MXD3
Alternative Name:	MXD3 (MXD3 Products)

Target Details

Background: MXD3 contains 1 basic helix-loop-helix (bHLH) domain. It is a transcriptional repressor and 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.

Alias Symbols: MYX, MAD3, BHLHC13

Protein Interaction Partner: NOTCH2NL, KRTAP10-7, UBC, NFKB1, MAGEA11, MAX, SIN3A, SMC3,

Protein Size: 206

Molecular Weight: 23 kDa

Gene ID: 83463

NCBI Accession: [NM_031300](#), [NP_112590](#)

UniProt: [Q9BW11](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 206 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

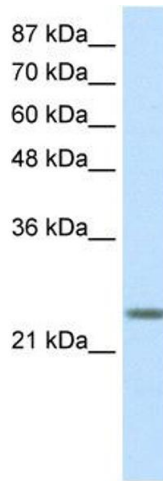
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Holmberg, Ingner, Johansson, Leander, Hjalt: "PITX2 gain-of-function induced defects in mouse forelimb development." in: **BMC developmental biology**, Vol. 8, pp. 25, (2008) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-MXD3 Antibody Titration:
0.5ug/ml ELISA Titer: 1:312500 Positive Control:
Transfected 293T