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Datasheet for ABIN2785016
anti-MDP1 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	MDP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Rabbit, Dog, Rat, Guinea Pig, Horse, Goat, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MDP1 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 MDP-1
Sequence:	MARLPKLAVF DLDYTLWPFW VDTHVDPPFH KSSDGTVRDR RGQDVRLYPE
Predicted Reactivity:	Cow: 100%, Dog: 92%, Goat: 85%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 92%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against MDP-1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MDP1
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Target Details

Alternative Name:	MDP-1 (MDP1 Products)
Background:	MDP-1 is a magnesium-dependent phosphatase which may act as a tyrosine phosphatase. Alias Symbols: FN6Pase, MDP-1, MGC5987, FN6PASE Protein Interaction Partner: BAG3, DSTN, Protein Size: 176
Molecular Weight:	20 kDa
Gene ID:	145553
NCBI Accession:	NM_138476 , NP_612485
UniProt:	Q86V88

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 176 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.



Western Blotting

Image 1. WB Suggested Anti-MDP-1 Antibody Titration:
0.2-1 ug/ml Positive Control: HT1080 cell lysate