

Rabbit MTX2 Polyclonal Antibody | anti-MTX2 antibody

MTX2 antibody - N-terminal region

CATALOG # AAA200179	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

MTX2; Polyclonal Antibody; MTX2 antibody - N-terminal region; anti-MTX2 antibody

PRODUCT SPECIFICATIONS

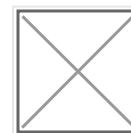
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YIAAEPWPENATLYQQLKGEQILLSDNAASLAVQAFLQMCNLPIKVVCR
Sequence Length	253
Applicable Applications for anti-MTX2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MTX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-MTX2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Jurkat cell lysate
MTX2 is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)

Rabbit Anti-MTX2 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1/600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MTX2 antibody	This is a rabbit polyclonal antibody against MTX2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MTX2 is highly similar to the metaxin 2 protein from mouse, which has been shown to interact with the mitochondrial membrane protein metaxin 1. Because of this similarity, it is thought that the encoded protein is peripherally associated with the cytosolic face of the outer mitochondrial membrane and be involved in the import of proteins into the mitochondrion. The protein encoded by this gene is highly similar to the metaxin 2 protein from mouse, which has been shown to interact with the mitochondrial membrane protein metaxin 1. Because of this similarity, it is thought that the encoded protein is peripherally associated with the cytosolic face of the outer mitochondrial membrane and be involved in the import of proteins into the mitochondrion. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-MTX2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792077
NCBI GeneID	10651
NCBI Accession #	NP_001006636
NCBI GenBank Nucleotide #	NM_001006635
UniProt Accession #	Q8IZ68; O75431
Molecular Weight	29kDa
NCBI Official Full Name	metaxin-2 isoform 2
NCBI Official Synonym Full Names	metaxin 2
NCBI Official Symbol	MTX2
NCBI Protein Information	metaxin-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mtx2-antibody-western-blot-immunohistochemistry-elisa/200179>