

Rabbit anti-Human MTX2 Polyclonal Antibody | anti-MTX2 antibody

MTX2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285876	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MTX2; Polyclonal Antibody; MTX2 Antibody (C-term); Metaxin-2; Mitochondrial outer membrane import complex protein 2; anti-MTX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This MTX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-261 amino acids from the C-terminal region of human MTX2.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	232-261
Sequence Length	263
Applicable Applications for anti-MTX2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



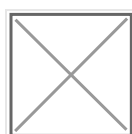
FCM/FACS (Flow Cytometry)

MTX2 Antibody (C-term) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

MTX2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MTX2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

MTX2 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the MTX2 antibody detected the MTX2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MTX2 antibody	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 that it is involved in the import of proteins into the mitochondrion. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 7.
Product Categories/Family for anti-MTX2 antibody	Metabolism; Signal Transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Xie, J., et al. FEBS Lett. 581(18):3545-3549(2007) Kozjak-Pavlovic, V., et al. EMBO Rep. 8(6):576-582(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Armstrong, L.C., et al. J. Cell. Biochem. 74(1):11-22(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729937
NCBI GeneID	10651
NCBI Accession #	NP_006545.1
NCBI GenBank Nucleotide #	NM_006554.4
UniProt Accession #	O75431; Q53S50; Q53SQ2; Q5M7Z6; Q8IZ68; A8JZZ4
Molecular Weight	29763
NCBI Official Full Name	metaxin-2
NCBI Official Synonym Full Names	metaxin 2
NCBI Official Symbol	MTX2
NCBI Protein Information	metaxin-2
UniProt Protein Name	Metaxin-2
UniProt Gene Name	MTX2
UniProt Entry Name	MTX2_HUMAN

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-flow-cytometry-immunohistochemistry-western-blot-elisa/285876>