

Rabbit anti-Human MTX1 Polyclonal Antibody | anti-MTX1 antibody

MTX1 Polyclonal Antibody

CATALOG # AAA179333	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

MTX1; Polyclonal Antibody; MTX1 Polyclonal Antibody; MTX; MTXN; metaxin-1; anti-MTX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MTX1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MTX1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



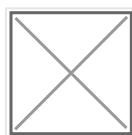
IF (Immunofluorescence)

Confocal immunofluorescence analysis of U2OS cells using MTX1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using MTX1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using MTX1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MTX1 antibody	METAXINS are proteins located in the outer membrane of the mammalian mitochondrion. METAXIN 1 was characterized firstly and was found to play a role in the import of mitochondrial precursor proteins. It may also play a role in the assembly of b-barrel proteins into the outer membrane METAXIN1 was reported to be essential for survival of the postimplantation mouse embryo. METAXIN 1 has multiple transcripts. The full length one has 466 amino acids, with calculated MW of 62 kda. Metaxin 1 interacts with metaxin 2, a novel related protein associated with the mammalian mitochondrial outer membrane and form complex in the mitochondrion outer membrane.
Product Categories/Family for anti-MTX1 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	597955330
NCBI GeneID	4580
NCBI Accession #	NP_002446.3
NCBI GenBank Nucleotide #	NM_002455.4
UniProt Accession #	Q13505 ; Q9BUU3 ; B1AVR9 ; B1AVS0 ; B2R9P4
Molecular Weight	51,477 Da
NCBI Official Full Name	metaxin-1 isoform 1
NCBI Official Synonym Full Names	metaxin 1
NCBI Official Symbol	MTX1
NCBI Official Synonym Symbols	MTX; MTXN
NCBI Protein Information	metaxin-1; mitochondrial outer membrane import complex protein 1
UniProt Protein Name	Metaxin-1
UniProt Gene Name	MTX1
UniProt Synonym Gene Names	MTX; MTXN
UniProt Entry Name	MTX1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mtx1-antibody-immunofluorescence-western-blot-elisa/179333>