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Datasheet for ABIN953391 anti-MTX2 antibody (C-Term)

3 Images



Overview

Quantity:	0.4 mL
Target:	MTX2
Binding Specificity:	AA 235-265, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTX2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 235- 265aa) of human Metaxin-2.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Metaxin-2 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Purified through a Protein A column followed by peptide affinity purification
Target Details	

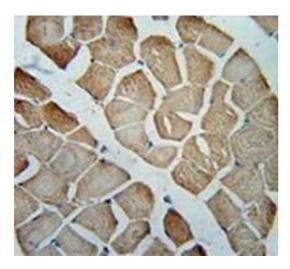
Target:

MTX2

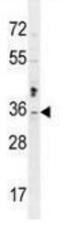
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Target Details		
Alternative Name:	Metaxin-2 (MTX2 Products)	
Background:	The protein encoded by the MTX2 gene is highly similar to the metaxin 2 protein from mouse, which has been shown to interact with the mitochondrial membrane protein metaxin 1. 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.Synonyms: MTX2, Mitochondrial outer membrane import complex protein 2	
Gene ID:	10651	
NCBI Accession:	NP_006545	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS with 0.09 % (W/V) Sodium azide	
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 freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.	

MDA-MB435







Flow Cytometry

Image 1. Flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram) using Metaxin-2 Antibody (C-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in human skeletal muscle (Formalin-fixed, Paraffin-embedded) using Metaxin-2 Antibody (C-term), followed by peroxidase conjugated secondary antibody and DAB staining. This data demonstrates the use of this antibody for IHC. Clinical relevance has not been evaluated.

Western Blotting

Image 3. Western blot analysis in MDA-MB435 cell line lysates (35ug/lane) using Metaxin-2 Antibody (C-term). This demonstrates this antibody detected the Metaxin-2protein (arrow).

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