

Datasheet for ABIN6144190
anti-Metaxin 1 antibody (AA 186-435)



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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | Metaxin 1 (MTX1) |
| Binding Specificity: | AA 186-435 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Metaxin 1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

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|-------------------|---|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 186-435 of human MTX1 (NP_942584.2). |
| Sequence: | LKVHKISNPW QSPSGTLPAL RTSHGGEVISV PHKIITHLRK EVHTFWIDTK NYVEVTRKWY AEAMPFPLNF FLPGRMQRQY MERLQLLTGE HRPEDDEEELE KELYREAREC LTLLSQRLGS QKFFFGDAPA SLDAFVFSYL ALLLQAKLPS GKLQVHLRGL HNLCACTHI LSLYFPWDGA EVPPQRQTPA GPETEEEPYR RRNQILSVLA GLAAMVGYAL LSGIVSIQRA TPARAPGTRT LGMAEDEEEE |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |

Target Details

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|-------------------|--|
| Target: | Metaxin 1 (MTX1) |
| Alternative Name: | MTX1 (MTX1 Products) |
| Background: | <p>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.,MTX1,MTX,MTXN,metaxin-1,Cancer,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,MTX1</p> |
| Molecular Weight: | 35 kDa/48 kDa/51 kDa |
| Gene ID: | 4580 |
| UniProt: | Q13505 |
| Pathways: | Dicarboxylic Acid Transport |

Application Details

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|--------------------|-----------------------------------|
| Application Notes: | WB,1:500 - 1:2000,IF,1:50 - 1:200 |
| Comment: | HIGH QUALITY |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |