

MTX1 polyclonal antibody

Catalog: BS78189

Host: Rabbit

Reactivity: Human

BackGround:

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:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Refer to figures

Swiss-Prot:

Q13505

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

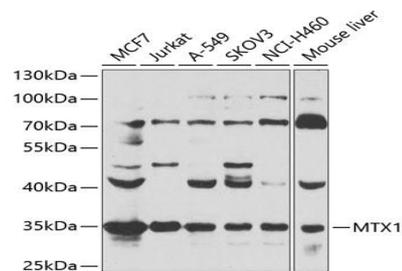
WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200

Storage&Stability:

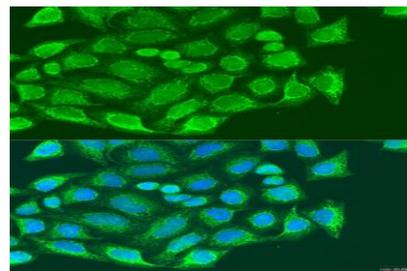
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

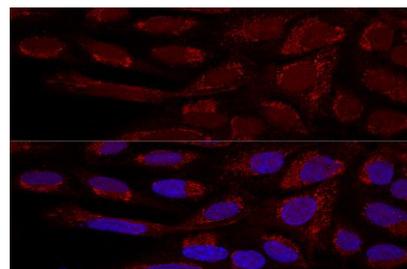
Unmodification

DATA:

Western blot analysis of extracts of various cell lines, using MTX1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



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



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

Note:

For research use only, not for use in diagnostic procedure.

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