

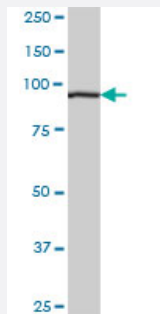
MaxPab®

MARS purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004141-B01P

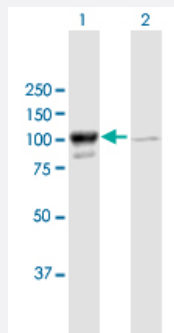
Size 50 ug

Applications



Western Blot (Tissue lysate)

MARS MaxPab polyclonal antibody. Western Blot analysis of MARS expression in human pancreas.

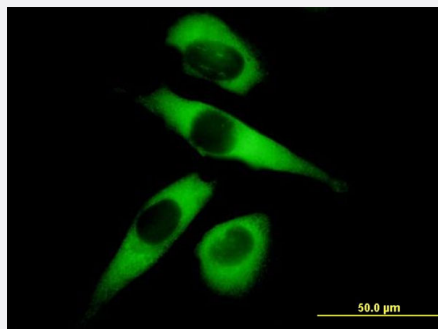


Western Blot (Transfected lysate)

Western Blot analysis of MARS expression in transfected 293T cell line ([H00004141-T01](#)) by MARS MaxPab polyclonal antibody.

Lane 1: MARS transfected lysate(99 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MARS on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MARS protein.

Immunogen	MARS (NP_004981.2, 1 a.a. ~ 900 a.a) full-length human protein.
Sequence	MRLFVSDGVPGCLPVLAAAGRARGRAEVLSTVGPEDCVVPFLTRPKVPVLQLDSGNYLFSTSAI CRYFFLLSGWEQDDLTNQWLEWEATELQPALSAALYYLVVQGGKGEDVLGSGVRRALTHIDHSL RQNCPLAGETESLADVLWGALYPLLQDPAYLPEELSALHSWFQTLSTQEPCQRAAETVLKQQ GVLALRPYLQKQPQSPAEGRAVTNEPEEEELATLSEEEIAMAVTAWEGLESPLPLRPQQNPV LPVAGERNVLITSALPYVNNVPHLGNIIGCVLSADVFARYSRLRQWNTLYLCGTDEYGTATETKALE EGLTPQEICDKYHIIHADIRWFNISFDIFGRTTTTQQTKITQDIFQQLLKRGFVLQDTVEQLRCEHCA RFLADRFVEGVCPFCGYEEARGDQCCKGKLNABELKKPQCKVCRSCPVVQSSQHLFLDLPK LEKRLEEWLGRTPGSDWTPNAQFITRSWLRDGLKPRCITRDLKWGTPVPLEGFEDKVIFYWFD ATIGYLSITANYTDQWERWWKNPEQVDLYQFMAKDNPVHSLVFPCSALGAEDNYTLVSHLIATEY LNYEDGKFSKSRGVGVFGDMAQDTGIPADIWRFYLLYRPEGQDSAFSWTDLKKNNSELLNNLG NFINRAGMFVSKFFGGYPEMVLTPDDQRLLAHVLELQHYHQLLEKVRIRDALRSILTISRHGNQYI QVNEPWKRIKGSEADRQRAGTVTGLAVNIAALLSVMLQPYMPTVSATIQAQLQLPPPACSIILLTNF LCTLPAGHQIGTVSPLFQKLENDQIESLRQRFGGGQAKTSPKPAVVETVTTAKPQQIQALMDEVTK QGNVRELKAQKADKNEVAAEVAKLLDLKKQLAVAEGKPPEAPKGKKKK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

MARS MaxPab polyclonal antibody. Western Blot analysis of MARS expression in human pancreas.

[Protocol Download](#)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MARS on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MARS

Entrez GeneID [4141](#)**GeneBank Accession#** [NM_004990.2](#)**Protein Accession#** [NP_004981.2](#)**Gene Name** MARS**Gene Alias** FLJ35667, METRS, MTRNS**Gene Description** methionyl-tRNA synthetase**Omim ID** [156560](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene belongs to the class I family of tRNA synthetases. [provided by RefSeq]

Other Designations methionine tRNA ligase 1, cytoplasmic|methionine-tRNA synthetase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Selenoamino acid metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)