

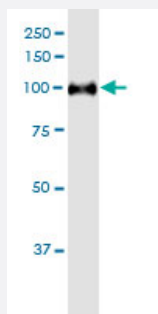
MaxPab®

MARS MaxPab rabbit polyclonal antibody (D01)

Catalog # H00004141-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of MARS transfected lysate using anti-MARS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MARS purified MaxPab mouse polyclonal antibody (B01P) ([H00004141-B01P](#)).

Specification

Product Description

Rabbit 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

MRLFVSDGVPGLPVLAAAGRARGRAEVLSTVGPEDCVVPFLTRPKVPVLQLDSGNYLFSTSAI
CRYFFLLSGWEQDDL TNQWLEWEATELQPALSAALYLVVQGKKGEDVLGSVRRAL THIDHSL
RQNCPFLAGETESLADIVLWGALYPLLQDPAYLPEELSALHSWFQTLSTQEPCQRAAETVLKQQ
GVLALRPYLQKQPSPAEGRAVTNEPEEEELATLSEEEIAMAVTAWEGLESPLPRLPQQNPV
LPVAGERNVLITSALPYVNNVPHLGNIIGCVLSADVFARYSRLRQWNTLYLCGTDEYGTATETKALE
EGLTPQEICKYHIIHADIYRWFNISFDIFGRTTTTQQTKITQDIFQQLLKRGFVLQDTVEQLRCEHCA
RFLADRFVEGVCPFCGYEEARGDQCCKGKLNIAVELKKPQCKVCRSCPVVQSSQHLFLDLPK
LEKRLEEVLGRTLPGSDWTPNAQFITRSWLRDGLKPRCITRDLKWGTPVPLEGFEDKVIFYWFD
ATIGYLSITANYTDQWERWWKNPEQVDLYQFMAKDNVPFHSLVFPCALGAEDNYTLVSHLIATEY
LNYEDGKFSKSRGVGVFGDMAQDTGIPADWRFYLLYRPEGQDSAFSWTDLLLKNNSELLNNLG
NFINRAGMFVSKFFGGYVPEMVLTPDDQRLLAHVTELELQHYHQLLEKVRIRDALRSILTISRHGNQYI
QVNEPWKRIKGSEADRQRAGTVTGLAVNIAALLSVMLQPYMPTVSATIQACLQLPPPACSILLTNF
LCTLPAGHQIGTVSPLFQKLENDQIESLRQRFGGGQAKTSPKPAVVETVTTAKPQQIQALMDEVTK
QGNVRELKAQKADKNEVAAEVAKLLDLKKQLAVAEGKPPEAPKGKKKK

Host

Rabbit

Reactivity

Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Immunoprecipitation

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[Protocol Download](#)

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](#)