

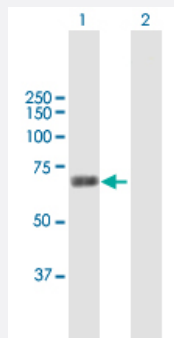
MaxPab®

MARS2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00092935-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MARS2 expression in transfected 293T cell line ([H00092935-T01](#)) by MARS2 MaxPab polyclonal antibody.

Lane1:MARS2 transfected lysate(65.23 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MARS2 protein.

Immunogen

MARS2 (NP_612404.1, 1 a.a. ~ 593 a.a) full-length human protein.

Sequence

MLRTSVLRLLGRTGASRLSLEDGPRYYSSGSLGAGDDACDVRAFYFTPIFYVNAAPHIGHLYSA
LLADALCRHRRLRGPSTAATRFSTGTDEHGLKIQAAATAGLAPTELCDRVSEQFQQLFQEAGIS
CTDFIRTTEARHRVAVQHFVGVLKSRGLLYKGVYEGWYCASDECFLPEAKVTQQPGPSGDSFP
VSLESGHPVSWTKEENYIFRLSQFRKPLQRWLRGNPQAITPEPFHHVVLQWLDEELPDLSVSRR
SSHLHWGIPVPGDDSQTIYVWLDALVNYLTVIGYPNAEFKSWWPATSHIIGKDILKFHAIWPAFLG
AGMSPQQRICVHSHWTVCGQKMSKSLGNVVDPRCLNRYTVDGFRYFLLRQGVNWDYDE
KVVKLLNSELADALGGLLNRCTAKRINPSETYPAFCTTCFPSEPLVGPVRAQAEDYALVSAVA
TLPKQVADHYDNFRIYKALEAVSSCVRQTNGFVQQRHAPWKLNWESPVDAPWLGTVLHVALECLR
VFGTLLQPVTPSLADKLLSRLGVSASERSLGELYFLPRFYGHPCPFEGRRLLGPETGLLFPRLDQS
RTWLKHAHRT

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (86); Rat (87)

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.

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[Protocol Download](#)

Gene Info — MARS2

Entrez GeneID	92935
GeneBank Accession#	NM_138395.2
Protein Accession#	NP_612404.1
Gene Name	MARS2
Gene Alias	MetRS, mtMetRS
Gene Description	methionyl-tRNA synthetase 2, mitochondrial
Omim ID	609728
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	methionine tRNA ligase 2, mitochondrial methionine-tRNA ligase methionine-tRNA synthetase 2 methionine-tRNA synthetase 2 (mitochondrial) methionine-tRNA synthetase 2, mitochondrial mitochondrial methionyl-tRNA synthetase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)

- [Selenoamino acid metabolism](#)