



Anti-MARS (aa 175-225) polyclonal antibody (DPABH-05776)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the class I family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. The encoded protein is a component of the multi-tRNA synthetase complex and catalyzes the ligation of methionine to tRNA molecules.
Immunogen	Synthetic peptide corresponding to a region within amino acids 175-225 of Human Methionyl tRNA synthetase according to (NP_004981.2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IP
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% Tris citrate/phosphateNote: pH 7 to 8
Preservative	0.09% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	MARS methionyl-tRNA synthetase [Homo sapiens]
Official Symbol	MARS
Synonyms	MARS; methionyl-tRNA synthetase; MRS; METRS; MTRNS; SPG70; methionine--tRNA ligase, cytoplasmic; cytosolic methionyl-tRNA synthetase;
Entrez Gene ID	4141
Protein Refseq	NP_004981.2
UniProt ID	P56192
Pathway	Aminoacyl-tRNA biosynthesis; Aminoacyl-tRNA biosynthesis, eukaryotes; Cytosolic tRNA aminoacylation; Selenocompound metabolism
Function	ATP binding; methionine-tRNA ligase activity; tRNA binding;