

## ARG40347 anti-MARS antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MARS
Tested Reactivity	Hu, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MARS
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-270 of Human MARS (NP_004981.2).
Conjugation	Un-conjugated
Alternate Names	MTRNS; Methionyl-tRNA synthetase; Methionine--tRNA ligase, cytoplasmic; MRS; EC 6.1.1.10; ILFS2; METRS; ILLD; SPG70; MetRS; CMT2U

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	110 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

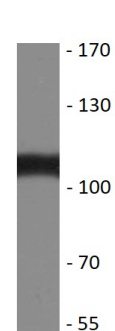
## Bioinformation

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Gene Symbol	MARS
Gene Full Name	methionyl-tRNA synthetase
Background	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. [provided by RefSeq, Jan 2011]
Calculated Mw	101 kDa
Cellular Localization	Cytoplasm, cytosol. [UniProt]

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## Images



HeLa

ARG40347 anti-MARS antibody WB image

Western blot: 25 µg of HeLa cell lysate stained with ARG40347 anti-MARS antibody at 1:1000 dilution.