

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	

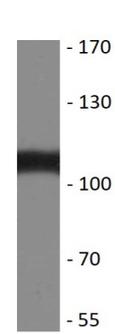
Properties

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

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]

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.