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Datasheet for ABIN7465214 **anti-MARS antibody**

Overview

Quantity:	100 µL
Target:	MARS
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MARS. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	MARS
Alternative Name:	methionyl-tRNA synthetase (MARS Products)
Background:	Methionyl-tRNA synthetase , CMT2U , ILFS2 , ILLD , METRS , MRS , MTRNS , SPG70,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

Target Details

	by RefSeq]
Molecular Weight:	101 kDa
Gene ID:	4141
UniProt:	P56192

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa , HepG2 , mouse brain , rat brain
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.67 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.