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Datasheet for ABIN6981056

## anti-MARS2 antibody (AA 31-130) (Alexa Fluor 680)

### Overview

Quantity:	100 µL
Target:	MARS2
Binding Specificity:	AA 31-130
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARS2 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MARS2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	MARS2
Alternative Name:	MARS2 ( <a href="#">MARS2 Products</a> )

## Target Details

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Background: Synonyms: mars2, Methionine tRNA ligase 2, Methionine tRNA ligase 2 mitochondrial, Methionine tRNA ligase, Methionine tRNA synthetase 2, Methionine-tRNA ligase, Methionyl tRNA synthetase 2 mitochondrial, Methionyl tRNA synthetase mitochondrial, Methionyl-tRNA synthetase 2, MetRS, mitochondrial, Mitochondrial methionine tRNA ligase, Mitochondrial methionyl tRNA synthetase, Mitochondrial methionyl-tRNA synthetase, MtMetRS, SYMM\_HUMAN

Background:  $\text{ATP} + \text{L-methionine} + \text{tRNA}(\text{Met}) = \text{AMP} + \text{diphosphate} + \text{L-methionyl-tRNA}(\text{Met})$ .

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Gene ID: 92935

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UniProt: [Q96GW9](#)

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## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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