Datasheet for ABIN360193

anti-MARS2 antibody (C-Term)

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Overview

Quantity:	0.4 mL
Target:	MARS2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human MARS2.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Methionyl tRNA synthetase (MARS2).
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	MARS2
Alternative Name:	MARS2 (MARS2 Products)

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Target Details

Background:	Methionine-tRNA ligase (EC 6.1.1.10) catalyzes the chemical reaction: ATP + L-methionine + tRNAMet <--> AMP + diphosphate + L-methionyl-tRNAMet. The 3 substrates of this enzyme are ATP, L-methionine, and tRNA(Met), whereas its 3 products are AMP, diphosphate, and L-methionyl-tRNA(Met). This enzyme participates in 3 metabolic pathways: methionine metabolism, selenoamino acid metabolism, and aminoacyl-trna biosynthesis.Synonyms: Methionine-tRNA ligase 2, Methionyl-tRNA synthetase, MtMetRS, mitochondrial
Gene ID:	92935, 9606
UniProt:	Q96GW9

Application Details

Application Notes:	ELISA: 1/1,000. Western blot: 1/50-1/100. Immunohistochemistry: 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

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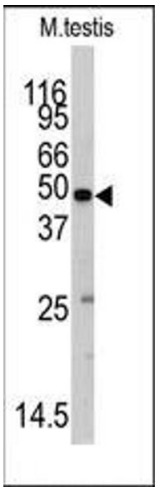

Image 1.

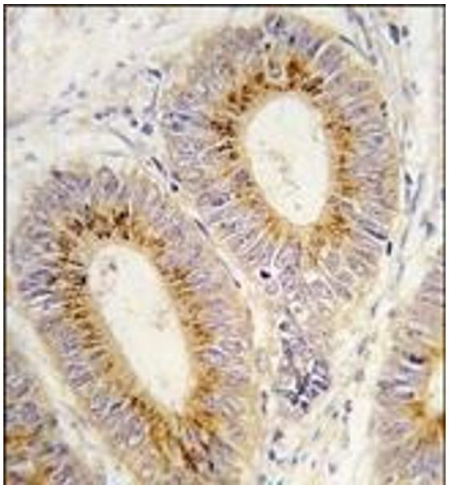

Image 2.

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