

Datasheet for ABIN7642465
anti-Mars (MARS) antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Mars (MARS)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Methionyl tRNA Synthetase (MARS)
Immunogen:	RPD005Mu01Recombinant Methionyl tRNA Synthetase (MARS)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MARS. It has been selected for its ability to recognize MARS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Mars (MARS)
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Target Details

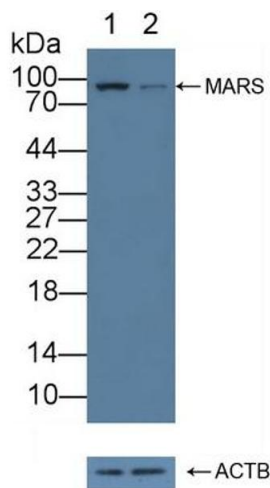
Alternative Name:	MARS
Background:	METRS, MTRNS, MetRS, Methionine tRNA Ligase 1,Cytoplasmic
UniProt:	Q68FL6

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunofluorescence:5-20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Knockout Varification: Lane 1: Wild-type HepG2 cell lysate, Lane 2: MARS knockout HepG2 cell lysate, Predicted MW: 101kd Observed MW: 90kd Primary Ab: 1 μ g/mL Rabbit Anti-Mouse MARS Antibody Second Ab: 0.2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (ABIN6950948)