

Datasheet for ABIN7642464
anti-Mars (MARS) antibody



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1 Image

Overview

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

Product Details

Purpose:	Polyclonal Antibody to Methionyl tRNA Synthetase (MARS)
Immunogen:	RPD005Hu01Recombinant 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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Mars (MARS)
Alternative Name:	MARS
Background:	METRS, MTRNS, MetRS, Methionine tRNA Ligase 1,Cytoplasmic

Target Details

UniProt: [P56192](#)

Application Details

Application Notes: Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 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

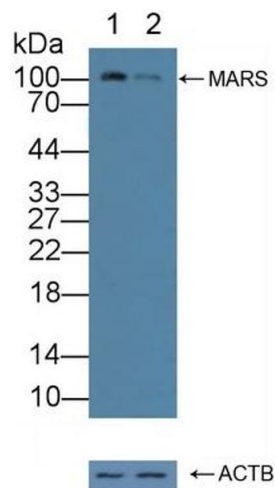
Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

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 U2OS cell lysate, Lane 2: MARS knockout U2OS cell lysate, Predicted MW: 62,101kd Observed MW: 100kd Primary Ab: 1 µg/mL Rabbit Anti-Human MARS Antibody Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (ABIN6950948)