

MARS Rabbit pAb

CatalogNo: YN6631

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 99kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human MARS

Specificity This antibody detects endogenous levels of MARS at Human, Mouse

Target Information

Gene name MARS

Protein Name	Methionine--tRNA ligase, cytoplasmic (Methionyl-tRNA synthetase) (MetRS)		
	Organism	Gene ID	UniProt ID
	Human	4141;	P56192;
	Mouse	216443;	Q68FL6;
Cellular Localization	Cytoplasm, cytosol . Nucleus, nucleolus . Localizes to the nucleolus in proliferative cells but disappears in quiescent cells. .		
Function	Catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA . Plays a role in the synthesis of ribosomal RNA in the nucleolus .		

| Validation Data

| Contact information

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MARS Rabbit pAb

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