

DATASHEET

MetRS Rabbit Polyclonal Antibody

CAT. NO. APA14939

KEY FEATURES

Target	MetRS	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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 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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

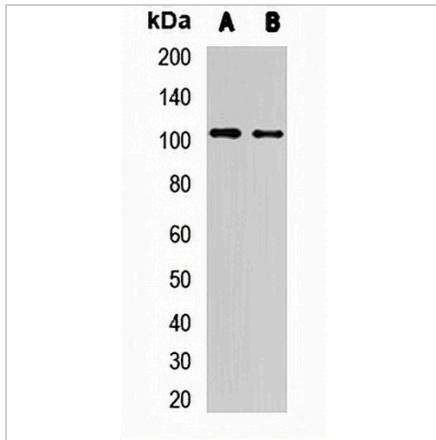
Description	Rabbit polyclonal antibody to MetRS
Specificity	Recognizes endogenous levels of MetRS protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MetRS
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 61; Observed: 110 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Methionine--tRNA ligase, cytoplasmic; Methionyl-tRNA synthetase; MetRS
Gene Symbol	MARS
Entrez Gene	4141(Human)
SwissProt	P56192(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of MetRS expression in HepG2 (A), HeLa (B) whole cell lysates.
(Predicted band size: 61; 101 kD; Observed band size: 110 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.