DATASHEET

MAT1A Rabbit Polyclonal Antibody

CAT. NO. APA12952

KEY FEATURES

Target	MAT1A	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	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 formation of S-adenosylmethionine from methionine and ATP. The reaction comprises two steps that are both catalyzed by the same enzyme: formation of S-adenosylmethionine (AdoMet) and triphosphate, and subsequent hydrolysis of the triphosphate.

APPLICATION

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

WB	1:500 - 1:1000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to MAT1A
Specificity	Recognizes endogenous levels of MAT1A protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MAT1A
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 43 kD; Observed: 44 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	AMS1; MATA1; S-adenosylmethionine synthase isoform type-1; AdoMet synthase 1; Methionine adenosyltransferase 1; MAT 1; Methionine adenosyltransferase I/III; MAT-I/III
Gene Symbol	MAT1A
Entrez Gene	4143(Human); 11720(Mouse); 25331(Rat)
SwissProt	Q00266(Human); Q91X83(Mouse); P13444(Rat)

*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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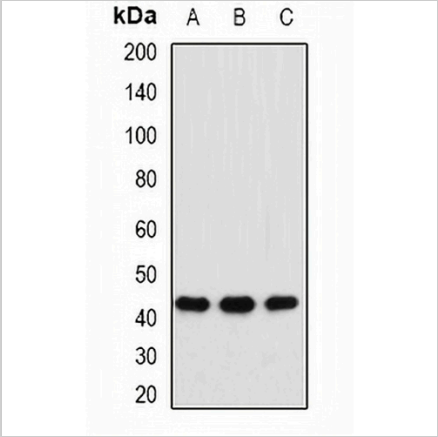
DATA



Western blot analysis of MAT1A expression in HepG2 (A), mouse liver (B), rat liver (C) whole cell lysates. (Predicted band size: 43 kD; Observed band size: 44 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.