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Datasheet for ABIN753148

anti-Methionine Adenosyltransferase antibody (AA 31-130)

Overview

Quantity:	100 µL
Target:	Methionine Adenosyltransferase (MAT)
Binding Specificity:	AA 31-130
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Methionine Adenosyltransferase antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Methionine adenosyltransferase
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Chicken,Rabbit,Zebrafish,Monkey
Purification:	Purified by Protein A.

Target Details

Target:	Methionine Adenosyltransferase (MAT)
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Target Details

Alternative Name:	Methionine adenosyltransferase (MAT Products)
Background:	<p>Synonyms: MAT2A AdoMet synthetase 2, AdoMet synthetase, AMS 2, AMS2, MAT 2A, MAT II, MATA 2, MATA2, MATII, Methionine adenosyltransferase 2, Methionine adenosyltransferase, Methionine adenosyltransferase II alpha, Methionine adenosyltransferase II, S adenosylmethionine synthetase gamma form, S adenosylmethionine synthetase isoform type 2, SAMS 2, SAMS2, METK1_HUMAN.</p> <p>Background: S adenosylmethionine synthetase catalyzes the formation of S adenosylmethionine from methionine and ATP. In mammalian tissues, there are three distinct forms of AdoMet synthases designated as alpha, beta, and gamma. Alpha and beta are expressed only in adult liver, while gamma is widely distributed in extrahepatic tissues.</p>
Gene ID:	4143

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months