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Datasheet for ABIN5006802

## anti-Methionine Adenosyltransferase antibody (AA 31-130) (Alexa Fluor 680)

### 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 conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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)
Alternative Name:	Methionine adenosyltransferase ( <a href="#">MAT Products</a> )

## Target Details

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**Background:** 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.

**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.

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**Gene ID:** 4143

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## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months

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