

Datasheet for ABIN6263142  
**anti-MAT2B antibody (Internal Region)**



[Go to Product page](#)

3 Images

### Overview

Quantity:	100 µL
Target:	MAT2B
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAT2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

### Product Details

Immunogen:	A synthesized peptide derived from human MAT2B, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	MAT2B Antibody detects endogenous levels of total MAT2B.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

### Target Details

Target:	MAT2B
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## Target Details

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Alternative Name:	MAT2B ( <a href="#">MAT2B Products</a> )
Background:	Description: Regulatory subunit of S-adenosylmethionine synthetase 2, an enzyme that catalyzes the formation of S-adenosylmethionine from methionine and ATP. Regulates MAT2A catalytic activity by changing its kinetic properties, increasing its affinity for L-methionine (PubMed:10644686, PubMed:23189196, PubMed:25075345). Can bind NADP (in vitro) (PubMed:23189196, PubMed:23425511). Gene: MAT2B
Molecular Weight:	38 kDa
Gene ID:	27430
UniProt:	<a href="#">Q9NZL9</a>
Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a> , <a href="#">Methionine Biosynthetic Process</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

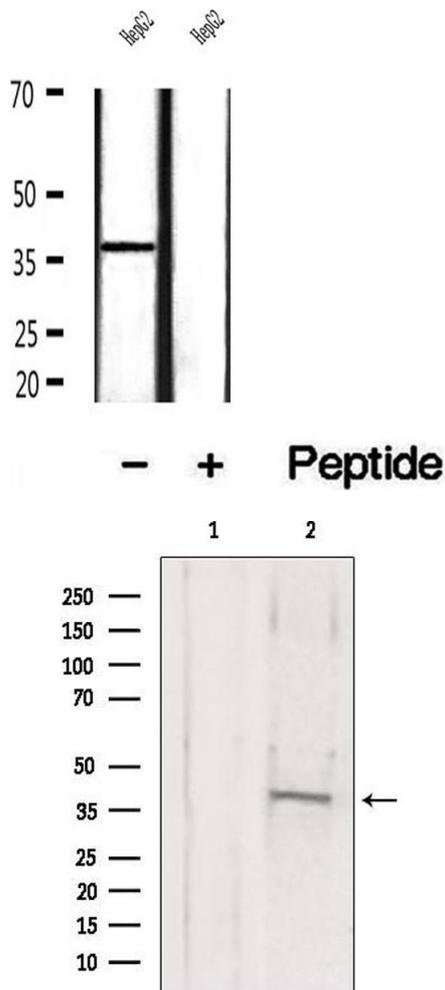
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Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

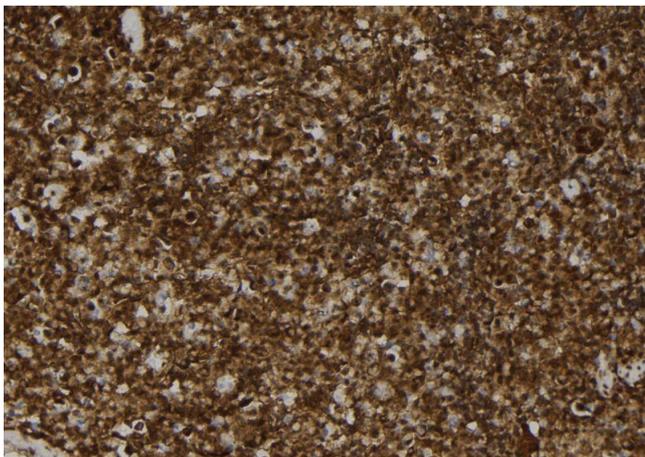


### Western Blotting

**Image 1.** Western blot analysis of extracts of HepG2 cells, using MAT2B antibody.

### Western Blotting

**Image 2.** Western blot analysis of extracts from mouse brain, using MAT2B antibody. Lane 1 was treated with the blocking peptide.



### Immunohistochemistry

**Image 3.** ABIN6272924 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.