

For Research Use Only

# MAT2B Polyclonal antibody

Catalog Number: 15952-1-AP

24 Publications



## Basic Information

### Catalog Number:

15952-1-AP

### Size:

800 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8649

### GenBank Accession Number:

BC005218

### GeneID (NCBI):

27430

### UNIPROT ID:

Q9NZL9

### Full Name:

methionine adenosyltransferase II, beta

### Calculated MW:

36 kDa, 38 kDa

### Observed MW:

38 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat, pig, chicken

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB** : HepG2 cells, HEK-293 cells, Jurkat cells, mouse brain tissue, mouse testis tissue

**IP** : HepG2 cells,

**IHC** : human lung tissue, mouse lung tissue, human kidney tissue

**IF/ICC** : HepG2 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Yimin Jia	27648945	J Agric Food Chem	WB
Demin Cai	27763549	Nutrients	WB
Xi Li	25410747	Eur J Nutr	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

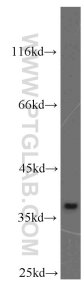
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

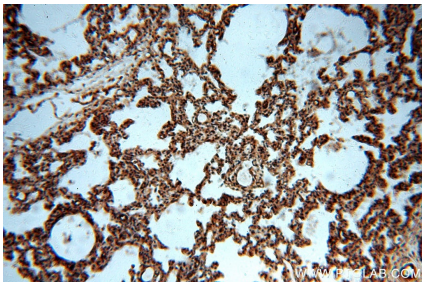
W: [ptgcn.com](http://ptgcn.com)

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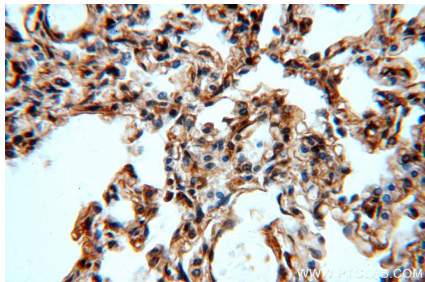
Selected Validation Data



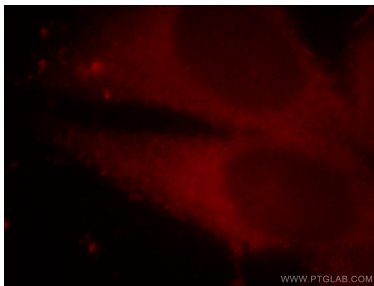
HepG2 cells were subjected to SDS PAGE followed by western blot with 15952-1-AP (MAT2B antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



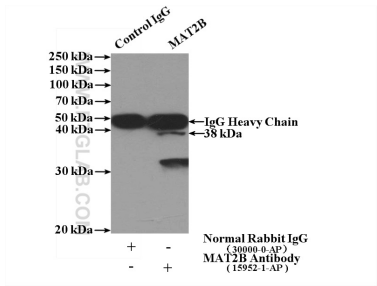
Immunohistochemical analysis of paraffin-embedded human lung using 15952-1-AP (MAT2B antibody) at dilution of 1:100 (under 10x lens).



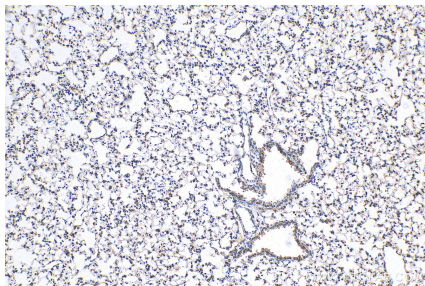
Immunohistochemical analysis of paraffin-embedded human lung using 15952-1-AP (MAT2B antibody) at dilution of 1:100 (under 40x lens).



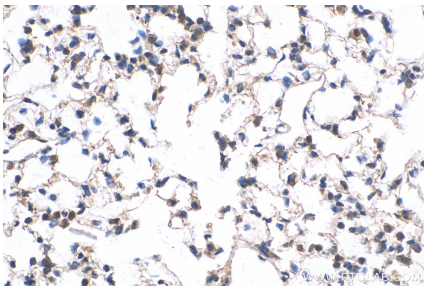
Immunofluorescent analysis of HepG2 cells, using MAT2B antibody 15952-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-MAT2B (IP:15952-1-AP, 4ug; Detection:15952-1-AP 1:500) with HepG2 cells lysate 1000ug.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 15952-1-AP (MAT2B antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 15952-1-AP (MAT2B antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).