

For Research Use Only

# BHMT Polyclonal antibody

Catalog Number: 15965-1-AP **31 Publications**



## Basic Information

**Catalog Number:**

15965-1-AP

**Size:**

450 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8738

**GenBank Accession Number:**

BC012616

**GeneID (NCBI):**

635

**UNIPROT ID:**

Q93088

**Full Name:**

betaine-homocysteine  
methyltransferase

**Calculated MW:**

406 aa, 45 kDa

**Observed MW:**

45-50 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

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

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse

**Cited Species:**

human, chicken, rat, mouse, pig

**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:** mouse kidney tissue, human kidney tissue, L02  
cells

**IP:** mouse kidney tissue,

**IHC:** human spleen tissue, human heart tissue, human  
lung tissue, human ovary tissue, human placenta  
tissue, human skin tissue

## Background Information

### Notable Publications

| Author      | Pubmed ID | Journal           | Application |
|-------------|-----------|-------------------|-------------|
| Yimin Jia   | 27648945  | J Agric Food Chem | WB          |
| Demin Cai   | 27763549  | Nutrients         | WB          |
| Shizhen Qin | 27575953  | J Proteome Res    | 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:

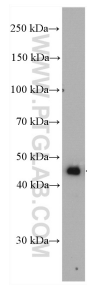
T: 4006900926

E: Proteintech-CN@ptglab.com

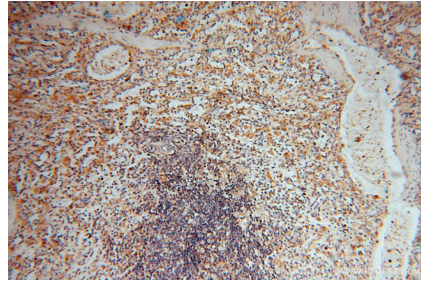
W: ptgcn.com

**This product is exclusively available under Proteintech  
Group brand and is not available to purchase from any  
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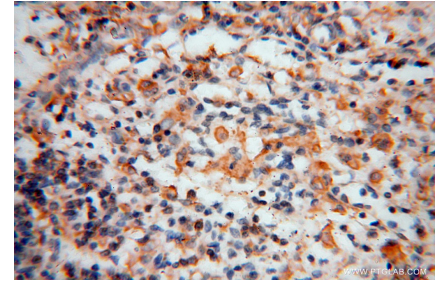
## Selected Validation Data



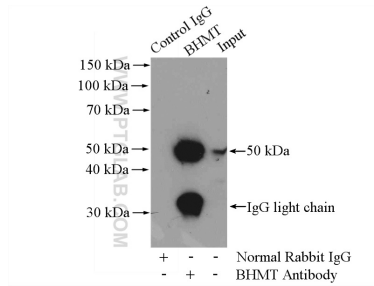
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 15965-1-AP (BHMT antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human spleen using 15965-1-AP (BHMT antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human spleen using 15965-1-AP (BHMT antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-BHMT (IP:15965-1-AP, 4ug; Detection:15965-1-AP 1:1000) with mouse kidney tissue lysate 4400ug.