

For Research Use Only

BHMT Polyclonal antibody

Catalog Number: 15965-1-AP

36 Publications



Basic Information

Catalog Number:

15965-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

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 : 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

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

*** 20ul sizes contain 0.1% BSA

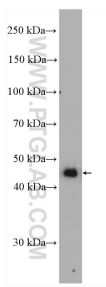
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

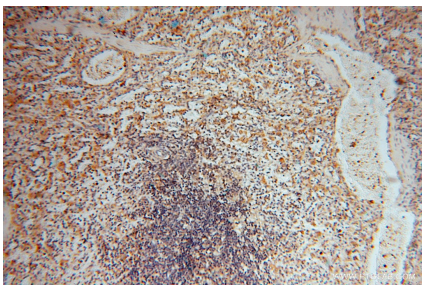
E: proteintech@ptglab.com
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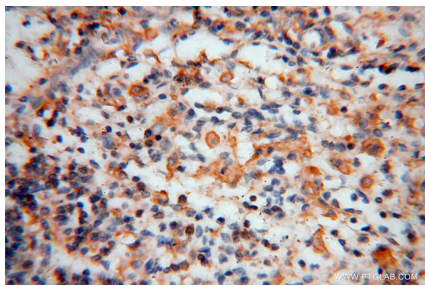
Selected Validation Data



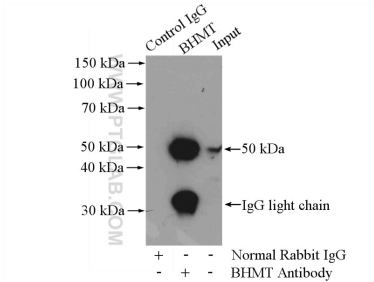
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 15965-1-AP (BHMT antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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.