

For Research Use Only

MARS Polyclonal antibody

Catalog Number: 14829-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

14829-1-AP

Concentration:

750 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6619

GenBank Accession Number:

BC002384

GeneID (NCBI):

4141

UNIPROT ID:

P56192

Full Name:

methionyl-tRNA synthetase

Calculated MW:

101 kDa

Observed MW:

101 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:5000-1:50000

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

IHC: 1:50-1:500

IF/ICC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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 : HeLa cells, HepG2 cells, mouse liver tissue, rat liver tissue

IP : HeLa cells,

IHC : human kidney tissue,

IF/ICC : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Krishnendu Khan	36037331	Proc Natl Acad Sci U S A	WB
Lingyan Zhou	36437524	Aging Cell	WB
Qin Jin	32404475	J Clin Pathol	WB,IHC

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

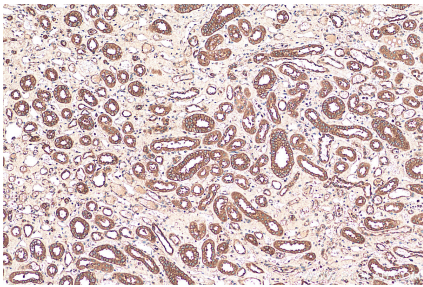
T: 4006900926

E: Proteintech-CN@ptglab.com

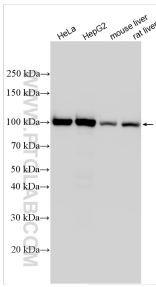
W: ptgcn.com

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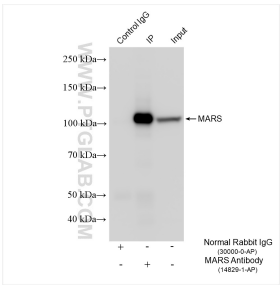
Selected Validation Data



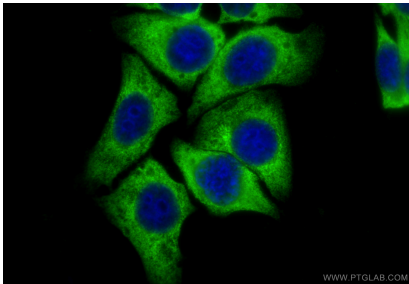
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 14829-1-AP (MARS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 14829-1-AP (MARS antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



IP result of anti-MARS (IP:14829-1-AP, 4ug; Detection:14829-1-AP 1:50000) with HeLa cells lysate 1280 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using MARS antibody (14829-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).