

For Research Use Only

TARS2 Polyclonal antibody

Catalog Number: 15067-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

15067-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7074

GenBank Accession Number:

BC000541

GeneID (NCBI):

80222

UNIPROT ID:

Q9BW92

Full Name:

threonyl-tRNA synthetase 2, mitochondrial (putative)

Calculated MW:

81 kDa

Observed MW:

81 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IP, IF

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 : HepG2 cells, HeLa cells, mouse liver tissue

IP : mouse liver tissue,

IHC : mouse heart tissue, mouse liver tissue

IF/ICC : HepG2 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Hui Tian	35184682	Bioengineered	WB
Sung-Hoon Kim	33340489	Mol Cell	IF, WB, IP
Lida Suo	37956648	Int J Biol Markers	IHC

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

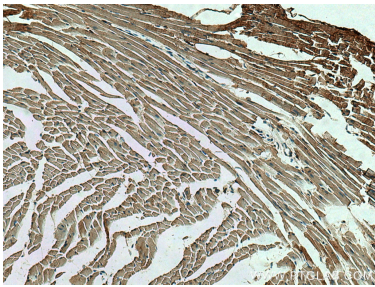
For technical support and original validation data for this product please contact:

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

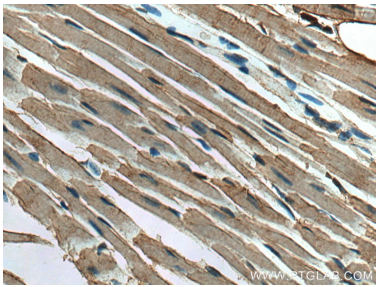
E: proteintech@ptglab.com
W: ptglab.com

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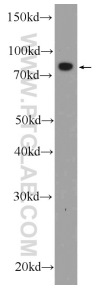
Selected Validation Data



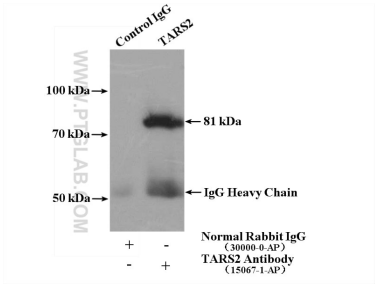
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 15067-1-AP (TARS2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



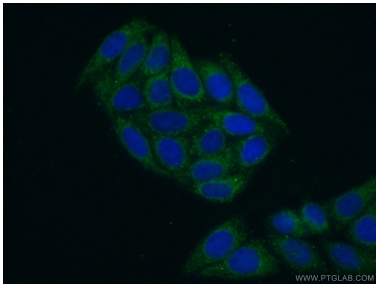
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 15067-1-AP (TARS2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HepG2 cells were subjected to SDS PAGE followed by western blot with 15067-1-AP (TARS2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-TARS2 (IP:15067-1-AP, 4ug; Detection:15067-1-AP 1:600) with mouse liver tissue lysate 4000ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 15067-1-AP (TARS2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).