

For Research Use Only

CARS Polyclonal antibody

Catalog Number: 15296-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 15296-1-AP	GenBank Accession Number: BC002880	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 833	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:250-1:1000 IF 1:10-1:100
Source: Rabbit	Full Name: cysteinyl-tRNA synthetase	
Isotype: IgG	Calculated MW: 89 kDa	
Immunogen Catalog Number: AG7546	Observed MW: 70-85 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells
Cited Applications: IP, WB	IHC : mouse brain tissue, human pancreas cancer tissue
Species Specificity: human, mouse	IF : MCF-7 cells,
Cited Species: human	

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

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Mengqiu Yuan	34472622	EMBO J	WB
Jean-Baptiste Vulsteke	36572507	Ann Rheum Dis	WB,IP

Storage

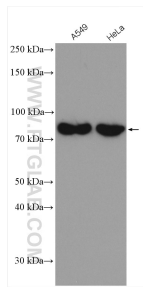
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

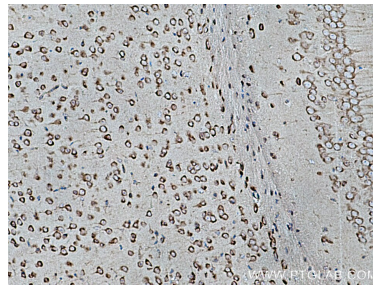
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

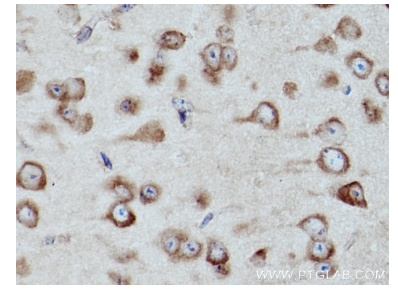
Selected Validation Data



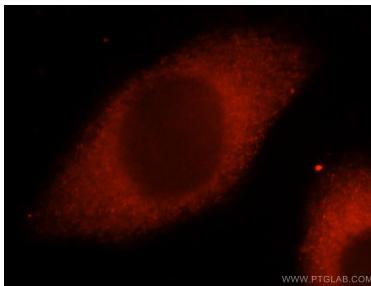
Various lysates were subjected to SDS PAGE followed by western blot with 15296-1-AP (CARS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15296-1-AP (CARS antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15296-1-AP (CARS antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of MCF-7 cells, using CARS antibody 15296-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).