

For Research Use Only

# DARS Polyclonal antibody

Catalog Number: 14989-1-AP

2 Publications



## Basic Information

<b>Catalog Number:</b> 14989-1-AP	<b>GenBank Accession Number:</b> BC000629	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1615	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:1000-1:4000
<b>Source:</b> Rabbit	<b>Full Name:</b> aspartyl-tRNA synthetase	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 57 kDa	
<b>Immunogen Catalog Number:</b> AG6974	<b>Observed MW:</b> 50-57 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, MCF-7 cells, K-562 cells IP : HeLa cells, IHC : rat brain tissue,
<b>Cited Applications:</b> CoIP, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Chetan D Meshram	29899097	J Virol	CoIP
Guangxu Tu	37693148	Am J Cancer Res	WB

## Storage

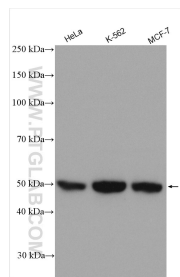
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

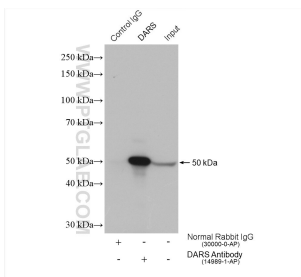
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

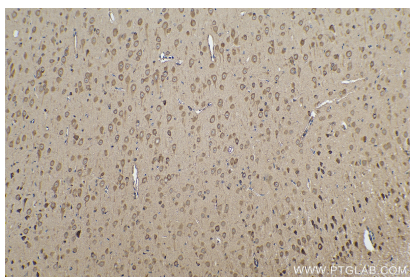
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14989-1-AP (DARS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-DARS(IP:14989-1-AP, 4ug; Detection:14989-1-AP 1:5000) with HeLa cells lysate 2160 ug.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 14989-1-AP (DARS antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).