

For Research Use Only

# DARS Polyclonal antibody

Catalog Number: 14989-1-AP

2 Publications



## Basic Information

### Catalog Number:

14989-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6974

### GenBank Accession Number:

BC000629

### GeneID (NCBI):

1615

### UNIPROT ID:

P14868

### Full Name:

aspartyl-tRNA synthetase

### Calculated MW:

57 kDa

### Observed MW:

50-57 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

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

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, ColP

### 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, MCF-7 cells, K-562 cells

IP : HeLa cells,

IHC : rat brain tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Chetan D Meshram	29899097	J Virol	ColP
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

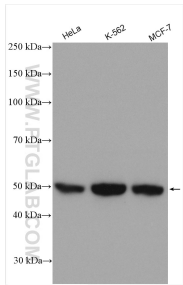
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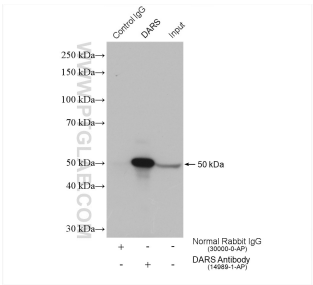
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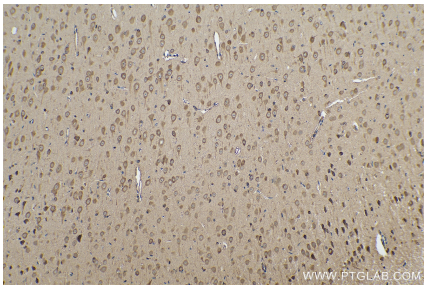
Selected Validation Data



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).