

## DARS antibody

Catalog No: #39018

Package Size: #39018-1 50ul #39018-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

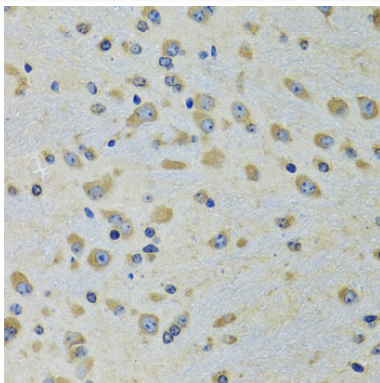
## Description

Product Name	DARS antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total DARS protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human DARS.
Target Name	DARS
Other Names	HBSL; aspRS;
Accession No.	Swiss-Prot#: P14868NCBI Gene ID: 1615
Uniprot	P14868
GeneID	1615;
SDS-PAGE MW	57kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

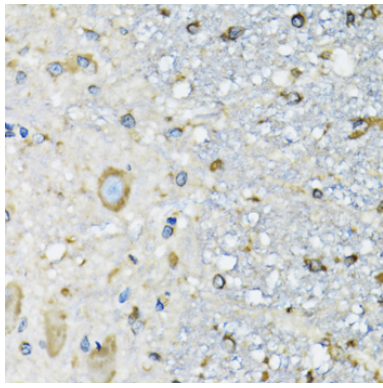
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IP □ 1:50 - 1:200

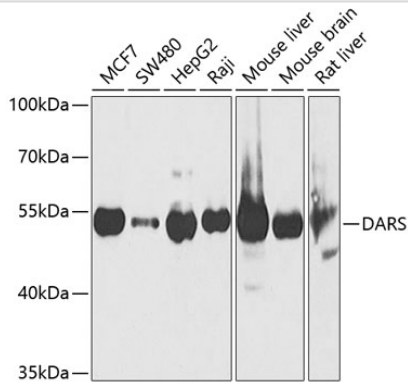
## Images



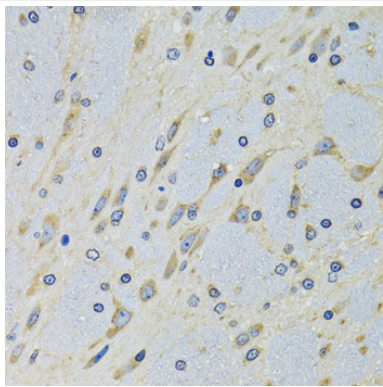
Immunohistochemistry of paraffin-embedded rat brain using DARS at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spinal cord using DARS at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using DARS at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded mouse brain using DARS at dilution of 1:100 (40x lens).

## Background

This gene encodes a member of a multienzyme complex that functions in mediating the attachment of amino acids to their cognate tRNAs. The encoded protein ligates L-aspartate to tRNA(Asp). Mutations in this gene have been found in patients showing hypomyelination with brainstem and spinal cord involvement and leg spasticity. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only