

DARS Rabbit Polyclonal Antibody



CAB6574

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

57kDa

Calculated MW:

45kDa/57kDa

Applications:

WB IHC IP

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

1615

Uniprot

P14868

Synonyms:

DARS; HBSL; aspRS

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

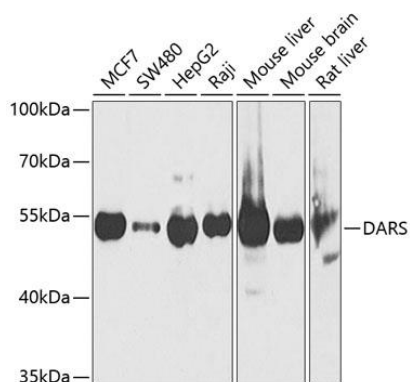
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 222-501 of human DARS (NP_001340.2).

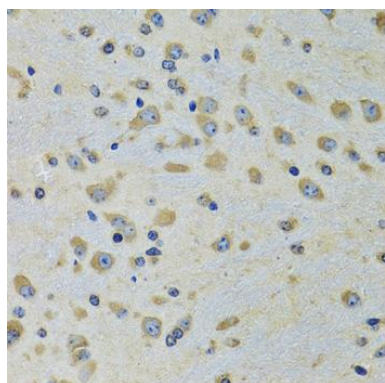
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

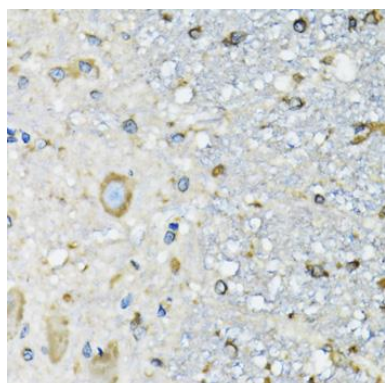
Product Images



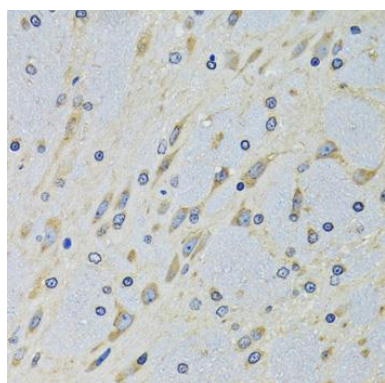
Western blot analysis of extracts of various cell lines, using DARS Antibody (CAB6574) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat brain using DARS antibody (CAB6574) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spinal cord using DARS antibody (CAB6574) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using DARS antibody (CAB6574) at dilution of 1:100 (40x lens).