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DARS Rabbit pAb

Catalog No.: A6574

Basic Information

Observed MW
57kDa

Calculated MW
57kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IP

Cross-Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

Immunogen Information

Gene ID
1615

Swiss Prot
P14868

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

Synonyms
DARS; HBSL; aspRS

Contact

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Product Information

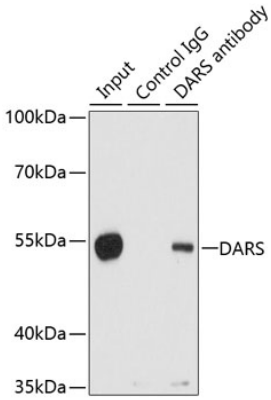
Source
Rabbit

Isotype
IgG

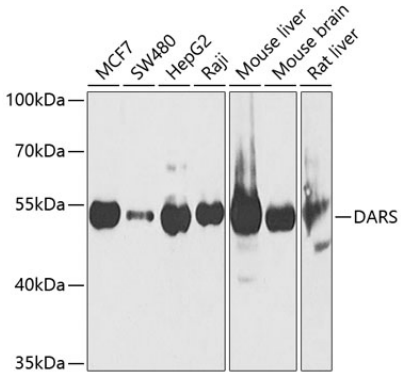
Purification
Affinity purification

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

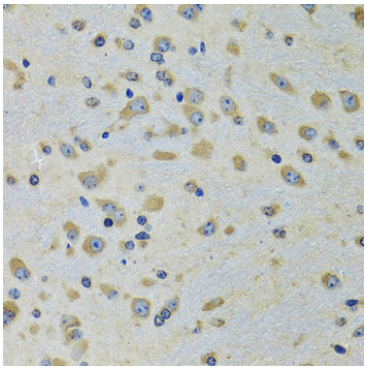
Validation Data



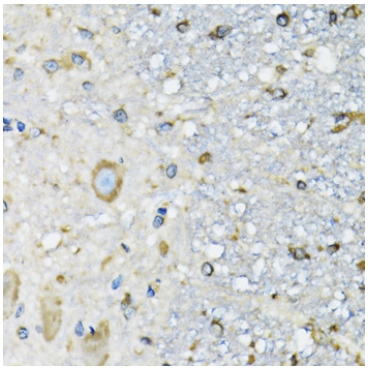
Immunoprecipitation analysis of 200 µg extracts of 293T cells using 1 µg DARS antibody (A6574). Western blot was performed from the immunoprecipitate using DARS antibody (A6574) at a dilution of 1:1000.



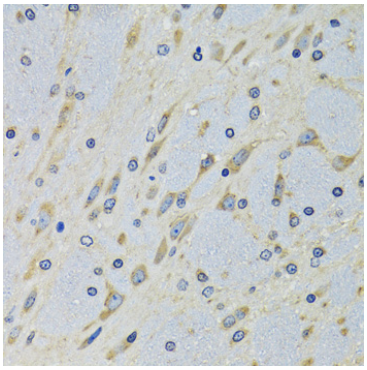
Western blot analysis of various lysates using DARS Rabbit pAb (A6574) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of DARS in paraffin-embedded rat brain using DARS Rabbit pAb (A6574) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of DARS in paraffin-embedded mouse spinal cord using DARS Rabbit pAb (A6574) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of DARS in paraffin-embedded mouse brain using DARS Rabbit pAb (A6574) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.