

Product datasheet for TA375324S

OriGene Technologies, Inc.

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DARS1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies Applications: ELISA, IHC, IP, WB Recommended Dilution: WB.1:500 - 1:2000

IHC-P,1:50 - 1:200

IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit lgG Isotype:

Clonality: Polyclonal

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 57kDa

Gene Name: aspartyl-tRNA synthetase Database Link: Entrez Gene 1615 Human

P14868

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

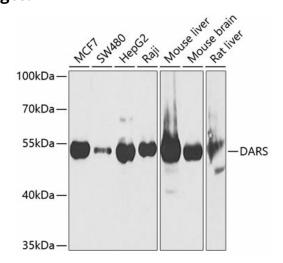
multiple transcript variants.

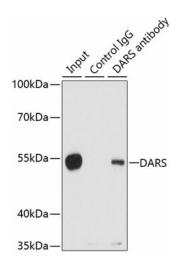
Synonyms: AspRS; DKFZp781B11202; MGC111579





Product images:

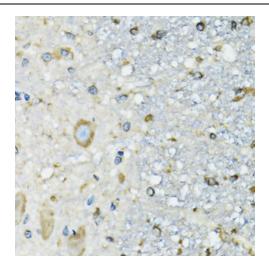




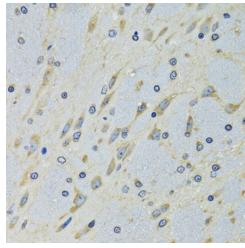
Western blot analysis of various lysates using DARS Rabbit pAb ([TA375324]) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

Immunoprecipitation analysis of 200 µg extracts of 293T cells using 1 µg DARS antibody ([TA375324]). Western blot was performed from the immunoprecipitate using DARS antibody ([TA375324]) at a dilution of 1:1000.

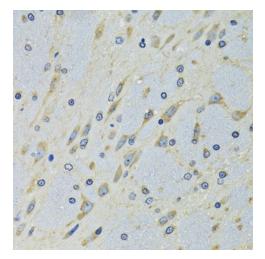




Immunohistochemistry analysis of paraffinembedded Rat brain using DARS Rabbit pAb ([TA375324]) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse spinal cord using DARS Rabbit pAb ([TA375324]) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse brain using DARS Rabbit pAb ([TA375324]) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.