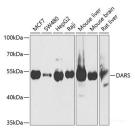
# **DARS** Polyclonal Antibody

Catalog Number: E-AB-61223



*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

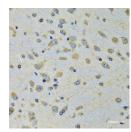
Description	
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human DARS (NP_001340.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200
Data	



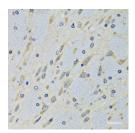
Western blot analysis of extracts of various cell lines using DARS Polyclonal Antibody at dilution of 1:1000. Observed Mw:57kDa Calculated Mw:45kDa/57kDa



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



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



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

## **Preparation & Storage**

Storage

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

#### 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

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patients showing hypomyelination with brainstem and spinal cord involvement and leg spasticity. Alternative splicing results in multiple transcript variants.

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