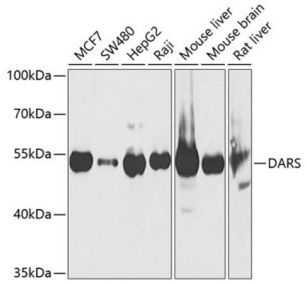
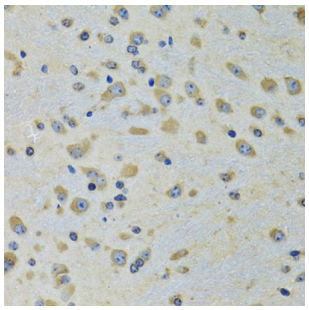
Aspartate-tRNA Ligase, Cytoplasmic (DARS) Antibody

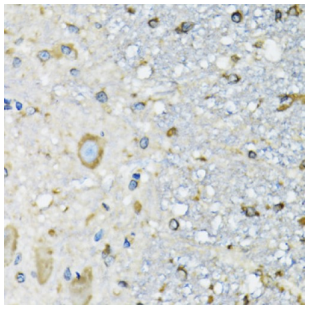
Catalogue No.:abx005044



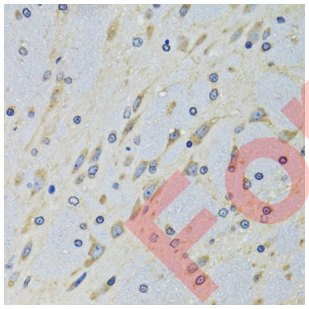
Western blot analysis of extracts of various cell lines using DARS Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Rat brain using DARS Antibody (1/100 dilution, 40x lens).



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



Immunohistochemistry of paraffin-embedded Mouse brain using DARS Antibody (1/100 dilution, 40x lens).

DARS Antibody is a Rabbit Polyclonal antibody against DARS. 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.

Target:	Aspartate-tRNA Ligase, Cytoplasmic (DARS)
Clonality:	Polyclonal

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Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human DARS
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P14868 (UniProt, ExPASy)
Gene Symbol:	DARS
GeneID:	1615
NCBI Accession:	NP_001340.2
KEGG:	hsa:1615
String:	9606.ENSP00000264161
Molecular Weight:	Calculated MW: 45 kDa/57 kDa Observed MW: 57 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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