

## Rabbit DARS Polyclonal Antibody | anti-DARS antibody

Rabbit anti-DARS Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                       |
|-----------|--------|-------------------|------------------------------------|
| AAA222122 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot |

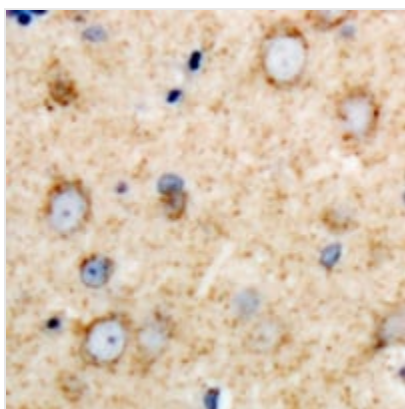
### PRODUCT SYNONYMS

DARS; Polyclonal Antibody; Rabbit anti-DARS Antibody; Aspartate--tRNA ligase; cytoplasmic; Aspartyl-tRNA synthetase; AspRS; Cell proliferation-inducing gene 40 protein; anti-DARS antibody

### PRODUCT SPECIFICATIONS

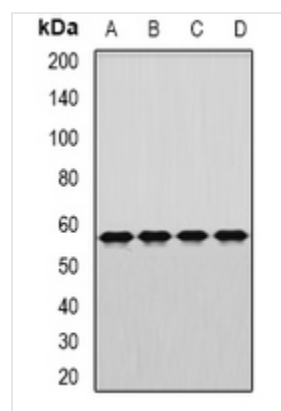
|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                         |
| Clonality                                      | Polyclonal                                                                                                |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-DARS antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                             |
| Immunogen                                      | Recombinant full length protein of human DARS                                                             |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of DARS staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of DARS expression in MCF7 (A), SW480 (B), mouse brain (C), rat liver (D) whole cell lysates.

### ADDITIONAL INFORMATION

Product Categories/Family for anti-DARS antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 648216372                                                                                                                                                     |
| NCBI GeneID                      | 1615                                                                                                                                                          |
| NCBI Accession #                 | NP_001280241.1                                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_001293312.1                                                                                                                                                |
| UniProt Accession #              | P14868; Q922B2; P15178                                                                                                                                        |
| Molecular Weight                 | 45,771 Da                                                                                                                                                     |
| NCBI Official Full Name          | aspartate--tRNA ligase, cytoplasmic isoform 2                                                                                                                 |
| NCBI Official Synonym Full Names | aspartyl-tRNA synthetase                                                                                                                                      |
| NCBI Official Symbol             | DARS                                                                                                                                                          |
| NCBI Official Synonym Symbols    | HBSL; aspRS                                                                                                                                                   |
| NCBI Protein Information         | aspartate--tRNA ligase, cytoplasmic; aspartate tRNA ligase 1, cytoplasmic; aspartyl-tRNA synthetase, cytoplasmic; cell proliferation-inducing gene 40 protein |
| UniProt Protein Name             | Aspartate--tRNA ligase, cytoplasmic                                                                                                                           |
| UniProt Gene Name                | <b>DARS</b>                                                                                                                                                   |
| UniProt Synonym Gene Names       | AspRS                                                                                                                                                         |
| UniProt Entry Name               | SYDC_HUMAN                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dars-antibody-immunohistochemistry-western-blot-elisa/222122>