

Anti-DARS Antibody

Catalog #	Source	Reactivity	Applications
CQA1411	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to DARS		
Immunogen	Recombinant full length protein of human DARS		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of DARS protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	DARS		
Alternative Names	Aspartate--tRNA ligase, cytoplasmic; Aspartyl-tRNA synthetase; AspRS; Cell proliferation-inducing gene 40 protein		
Entrez Gene	1615 (Human); 226414 (Mouse); 116483 (Rat)		
SwissProt	P14868 (Human); Q922B2 (Mouse); P15178 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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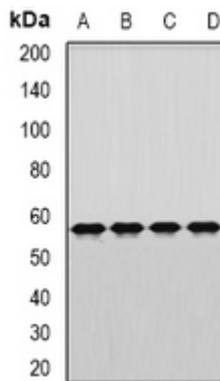
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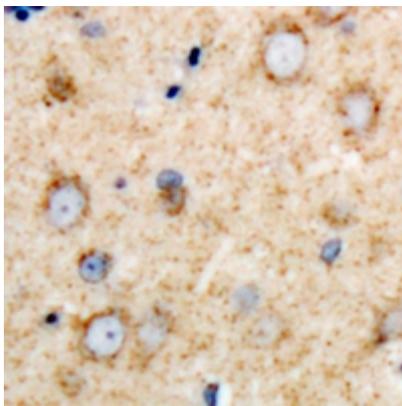
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Product Data Sheet



Western blot analysis of DARS expression in MCF7 (A), SW480 (B), mouse brain (C), rat liver (D) whole cell lysates. (Predicted band size: 45; 57 kD; Observed band size: 57 kD)



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.

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