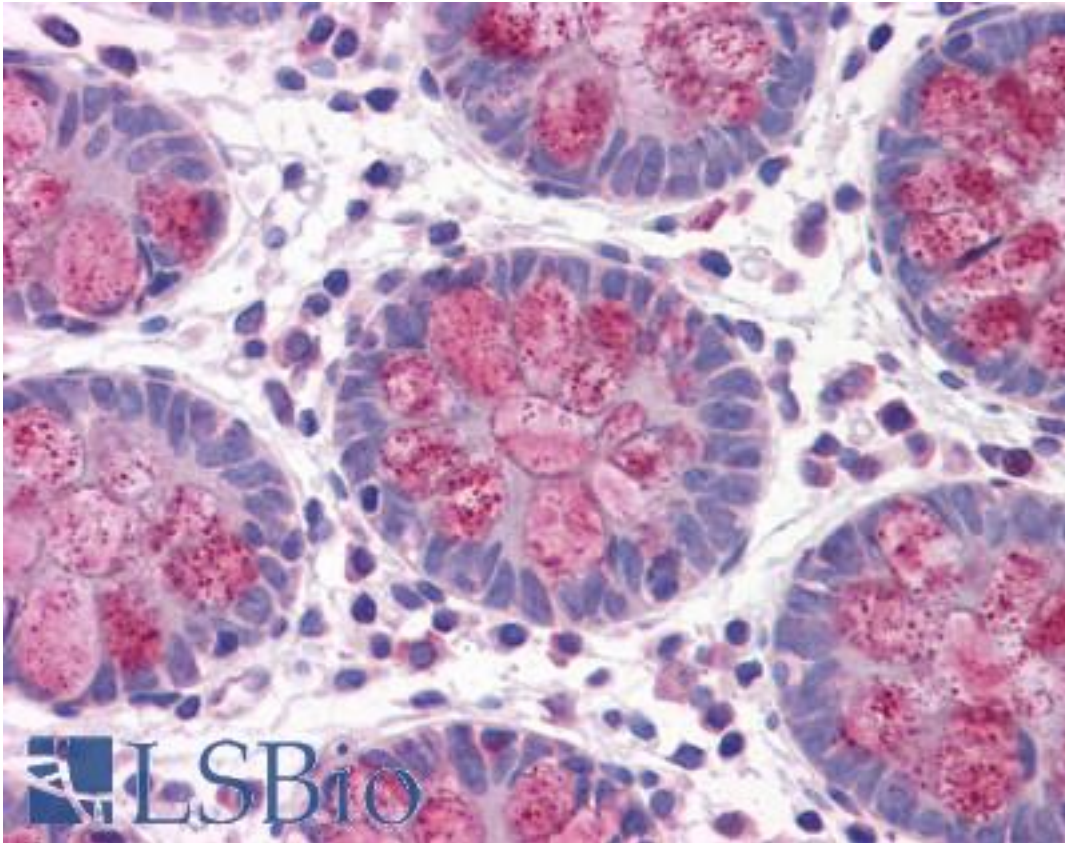


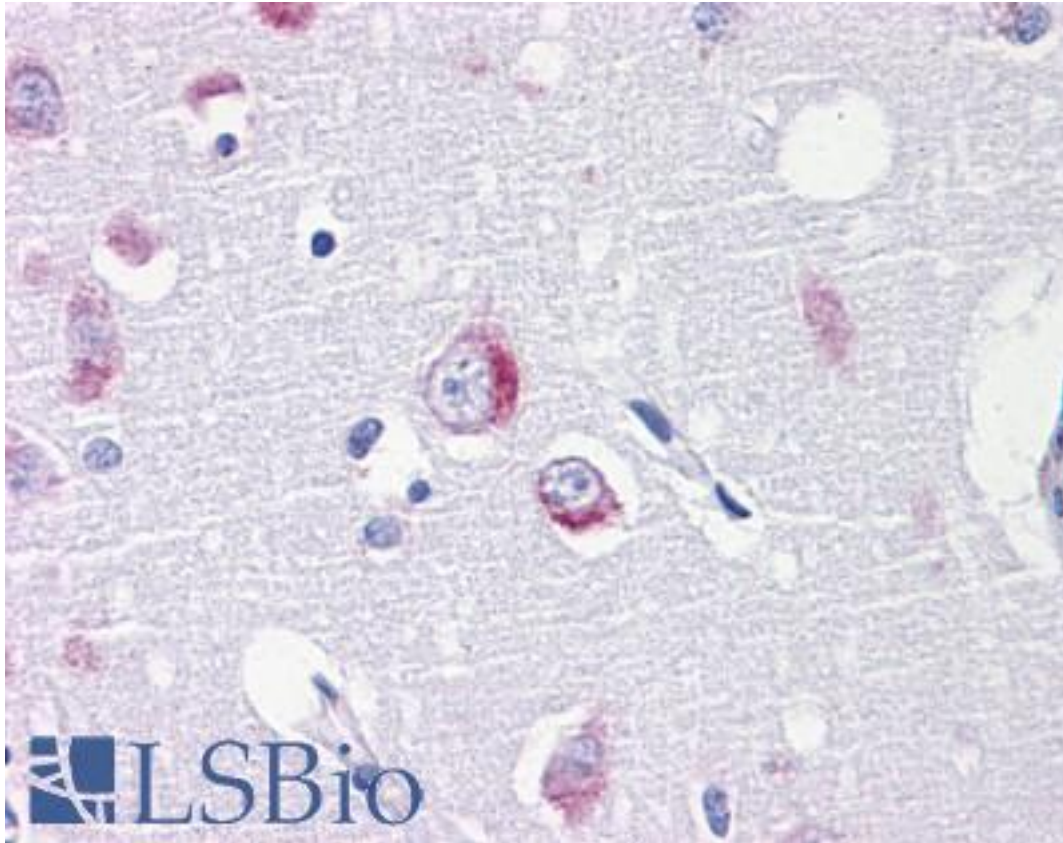
DARS Mouse anti-Human Monoclonal (2F11) Antibody - LS-B4310 - LSBio	
<b>CatalogID:</b>	LS-B4310
<b>Validation:</b>	This antibody replaces catalog number LS-C104931. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	aspartyl-tRNA synthetase (DARS)
<b>Synonyms:</b>	DARS Antibody, Aspartyl-tRNA synthetase Antibody, AspRS Antibody
<b>Host</b>	DARS antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG2a,k
<b>Clone Name:</b>	2F11
<b>Immunogen Species:</b>	DARS antibody was raised against Human
<b>Antigen Type:</b>	Recombinant protein
<b>Immunogen:</b>	DARS antibody was raised against dARS (NP_001340, 393 a.a. ~ 501 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Reactivity:</b>	Human
<b>Purification:</b>	Protein A purified
<b>Presentation:</b>	PBS, pH 7.2. Sourced in Ascites.
<b>Recommended Storage:</b>	Store at -20°C. Aliquot to avoid freeze/thaw cycles.
<b>Usage Summary:</b>	Western Blot (Cell lysate) - positive control HeLa. Western Blot (Transfected lysate) - positive control transfected 293T cell line. Sandwich ELISA (Recombinant protein). RNAi Knockdown (Antibody validated).
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Western blot, ELISA, RNA interference (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	1 mg/ml

**Immunohistochemistry Image:**



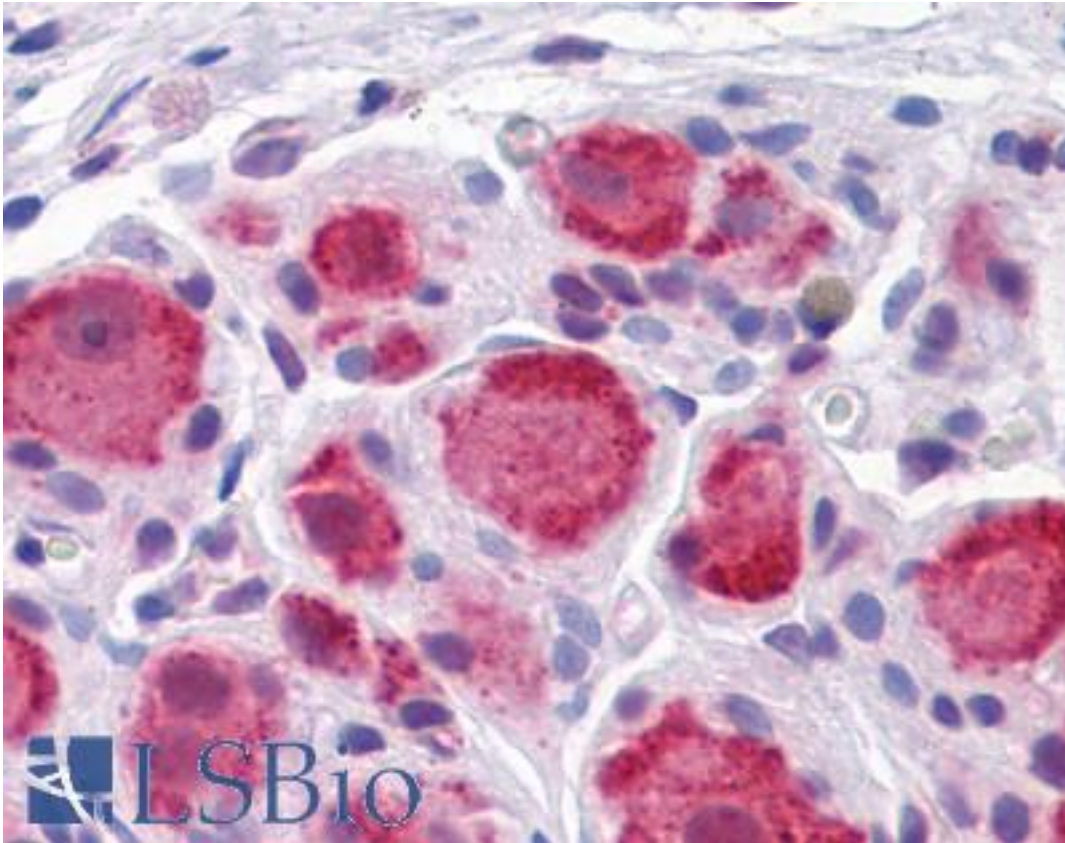
Anti-DARS antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4310 concentration 5 ug/ml.

**Immunohistochemistry Image:**



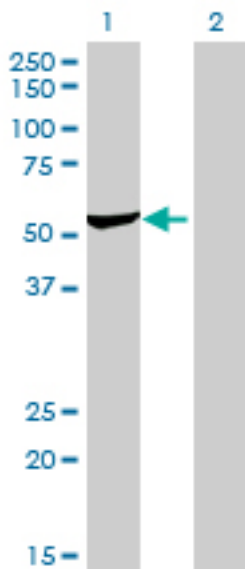
Anti-DARS antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4310 concentration 5 ug/ml.

**Immunohistochemistry Image:**



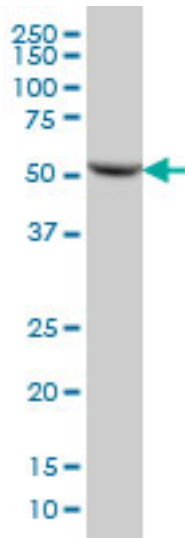
Anti-DARS antibody IHC of human ganglion cells. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4310 concentration 5 ug/ml.

**Western Blot Image:**



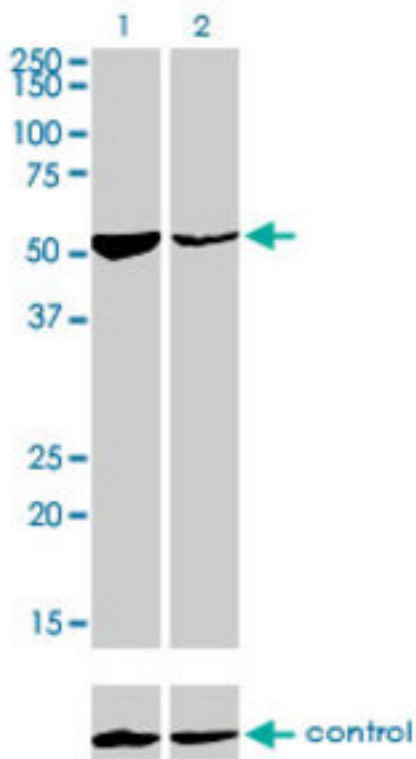
Western blot of DARS expression in transfected 293T cell line by DARS monoclonal antibody, clone 2F11.

**Western Blot Image:**



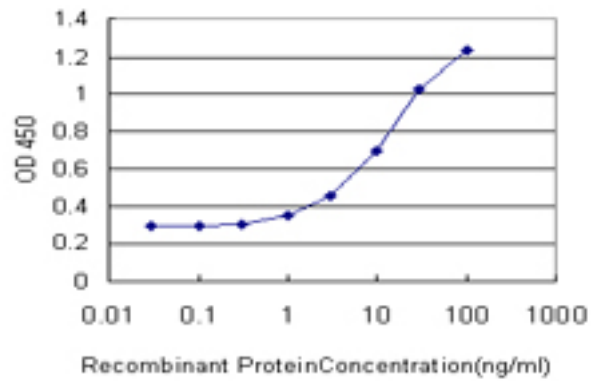
DARS monoclonal antibody, clone 2F11 Western blot of DARS expression in HeLa.

**RNA interference Image:**



Western blot of DARS over-expressed 293 cell line, cotransfected with DARS Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with DARS monoclonal antibody, clone 2F11. GAPDH ( 36.1 kD ) used as specificity and.

**ELISA Image:**



Detection limit for recombinant GST tagged DARS is approximately 0.3 ng/ml as a capture antibody.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

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