bs-14198R

[Primary Antibody]

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DARS2 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 55157 SWISS: Q6PI48

Target: DARS2

Immunogen: KLH conjugated synthetic peptide derived from human DARS2:

551-645/645.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The protein encoded by this gene belongs to the class-II

aminoacyl-tRNA synthetase family. It is a mitochondrial enzyme that specifically aminoacylates aspartyl-tRNA. Mutations in this gene are associated with leukoencephalopathy with brainstem

and spinal cord involvement and lactate elevation (LBSL).

[provided by RefSeq, Nov 2009]

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500)

Reactivity: Rat (predicted: Human,

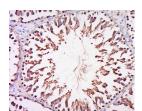
Mouse, Cow)

Predicted

MW.:

Subcellular Cytoplasm

VALIDATION IMAGES



Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37∩ for 20 min; Incubation: Anti-DARS2 Polyclonal Antibody, Unconjugated(bs-14198R) 1:500, overnight at $4\,\Sigma\,\text{C},$ followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS –

- [IF=2.8] ERDOĞAN Mehmet Mustafa. et al. Effects of nerolidol on serum cytokines in acute myocardial infarction: insights into the asprosin, spexin, and DARS2 antibodies in the brain cortex. MOL BIOL REP. 2025 Dec;52(1):1-11 IHC; Rat. 40679581
- [IF=1.8] Erdoğan Mehmet Mustafa. et al. Role of spexin and DARS2 as potential biomarkers in basal cell carcinoma and cutaneous malignant melanoma diagnosis, and as therapeutic targets. ARCH DERMATOL RES. 2024 Dec;316(10):1-8 IHC ;Human. 39417889