

bs-14198R**[Primary Antibody]****DARS2 Rabbit pAb****BioSS**
ANTIBODIES

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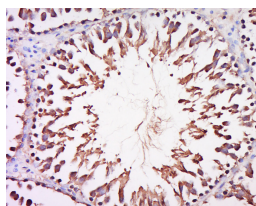
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Cow) Predicted MW.: 68 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 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]		

— VALIDATION IMAGES —

Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; 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°C for 20 min; Incubation: Anti-DARS2 Polyclonal Antibody, Unconjugated(bs-14198R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[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