

Product Datasheet

Selenoprotein W Antibody

NBP1-49599

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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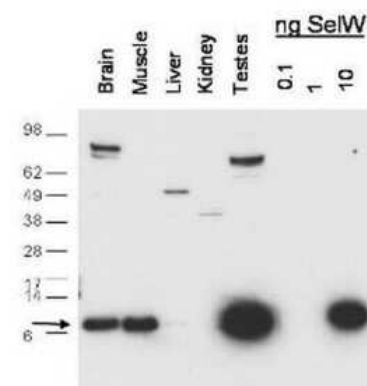
NBP1-49599**Selenoprotein W Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Target Molecular Weight	9.54 kDa
Product Description	
Host	Rabbit
Gene ID	6415
Gene Symbol	SEPW1
Species	Mouse
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with Selenoprotein W from rat based on a 98% homology with the immunizing sequence. Partial reactivity is expected against human-derived Selenoprotein W based on an 87% homology with the immunogen. Cross-reactivity with Selenoprotein W from other sources has not been determined
Immunogen	This affinity purified Selenoprotein W Antibody was prepared from whole rabbit serum produced by repeated immunizations with a recombinant protein corresponding to full-length mouse Selenoprotein W protein. (Uniprot: P63300)
Notes	This product was affinity purified from monospecific antiserum by immunoaffinity chromatography Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:100000, Immunoprecipitation 1:100
Application Notes	Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 9.6 kDa in size corresponding to Selenoprotein W by western blotting in the appropriate cell lysate or extract. This antibody is capable of detecting both overexpressed and endogenous Selenoprotein W.

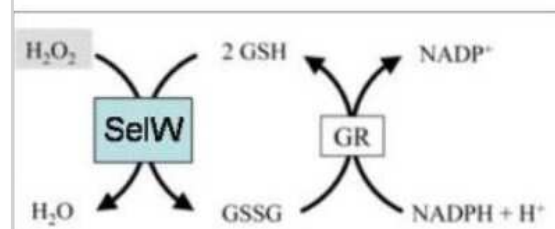


Images

Western Blot: Selenoprotein W Antibody [NBP1-49599] - Western blot using Selenoprotein W antibody shows detection of endogenous Selenoprotein W in mouse brain, muscle and testes lysates. Recombinant Selenoprotein W is also detected at 10 ng (right lanes). The arrow corresponds with Selenoprotein W protein at 9.6 kDa. The primary antibody was used at a 1:1000 dilution.



N/A: Selenoprotein W Antibody [NBP1-49599]



Publications

Shin MG, Cha HN, Park S et al. Selenoprotein W Deficiency Does Not Affect Oxidative Stress and Insulin Sensitivity in the Skeletal Muscle of High-fat Diet-fed Obese Mice Am. J. Physiol., Cell Physiol. 2019-09-11 [PMID: 31509445]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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