

Product Datasheet

SEPHS2 Antibody - BSA Free

NBP1-77776

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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Updated 2/21/2025 v.20.1

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SEPHS2 Antibody - BSA Free

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	Protein A purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

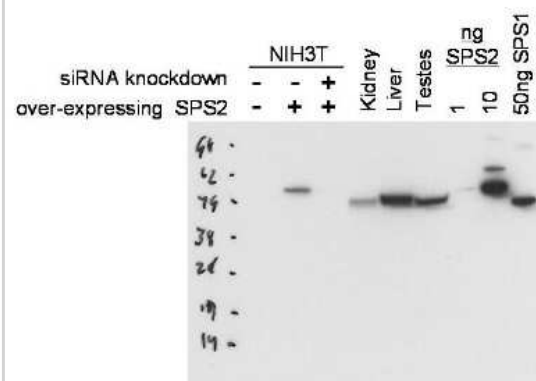
Product Description	
Description	This product was purified by Protein A chromatography from monospecific antiserum Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	22928
Gene Symbol	SEPHS2
Species	Mouse
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with SEPHS2 from human sources based on an 84% homology with the immunizing sequence. Cross-reactivity with SEPHS2 from other sources has not been determined.
Specificity/Sensitivity	This antibody reacts with mouse SEPHS2 and shows partial cross-reactivity with SPS1.
Immunogen	This Protein A purified SEPHS2 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a full-length recombinant protein corresponding to mouse SEPHS2. (Uniprot: P97364)

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:5000-1:20000, Immunoprecipitation 1:100, Knockdown Validated
Application Notes	This Protein A purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 48 kDa in size corresponding to SPS2 by western blotting in the appropriate cell lysate or extract.

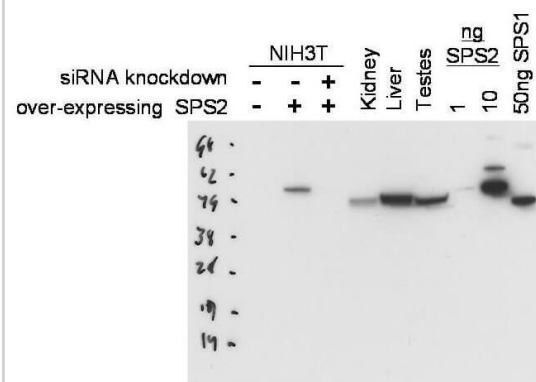


Images

Western Blot: SEPHS2 Antibody [NBP1-77776] - Shows detection of SPS2 in NIH3T3 cells over-expressing this protein. No signal is seen in control lysates or in lysates from cells over-expressing the protein after pre-treatment with SPS2 siRNA. Endogenous SPS2 can be detected in mouse kidney, liver and testes tissue lysates. Partial cross-reactivity is seen against recombinant SPS1. The primary antibody was used at a 1:1000 dilution. Personal Communication, D. Hatfield, NCI, Bethesda, MD.



Western blot using Protein A purified anti-SPS2 antibody shows detection of SPS2 in NIH3T3 cells over-expressing this protein. No signal is seen in control lysates or in lysates from cells over-expressing the protein after pre-treatment with SPS2 siRNA. Endogenous SPS2 can be detected in mouse kidney, liver and testes tissue lysates. Partial cross-reactivity is seen against recombinant SPS1. The primary antibody was used at a 1:1000 dilution. Personal Communication, D. Hatfield, NCI, Bethesda, MD.





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Products Related to NBP1-77776

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00022928-P01-10ug	Recombinant Human SEPHS2 GST (N-Term) Protein

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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