

# Product Datasheet

## sFRP-1 Antibody - BSA Free

### NB600-499

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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**NB600-499**

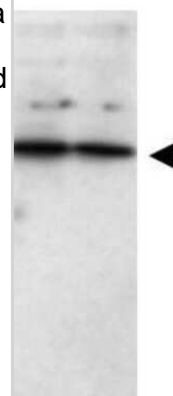
sFRP-1 Antibody - BSA Free

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	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This affinity purified antibody is directed against human SFRP protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification</p> <p>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.</p>
Host	Rabbit
Gene ID	6422
Gene Symbol	SFRP1
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest reactivity with this protein from human based on 100% homology for the immunogen sequence. Expect cross reactivity with sFRP-1 from mouse, rat and bovine sources as only a single amino acid residue change is found within the immunogen sequence (91% positive by BLAST). Cross reactivity with sFRP-1 homologues from other sources has not been determined.
Immunogen	sFRP-1 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a 12 aa region of human Sfrp1 protein. (Uniprot: Q8N474)
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200-1:2000, ELISA 1:5000-1:15000, Immunohistochemistry 1:800, Immunocytochemistry/ Immunofluorescence 5 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This affinity purified antibody has been tested for use in ELISA, western blot, and IHC. This antibody is suitable for immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 37 kDa in size corresponding to Sfrp1 by western blotting in the appropriate cell lysate or extract.



## Images

Western Blot: sFRP-1 Antibody [NB600-499] - Analysis of a band 37 kDa (arrowhead) corresponding to SFRP1 in lysates from human cultured airway epithelial cells. Lysates were run on a SDS-PAGE and transferred onto nitrocellulose followed by reaction with a 1:230 dilution of anti-SFRP1 antibody overnight at 4C. Signal was detected using standard techniques. Personnel communication Becky Mercer, University of Columbia.



Immunohistochemistry: sFRP-1 Antibody [NB600-499] - Used at a 1:800 dilution for 20 min to detect SFRP in human dermal hypertrophic scar tissue. Tissue was formalin-fixed followed by heat mediated antigen retrieval prior to blocking. HRP Gt-a-Rabbit IgG is suitable for secondary antibody detection.



Affinity Purified anti-Human SFRP1 antibody was used at a 1:800 dilution for 20 min to detect SFRP in human dermal hypertrophic scar tissue. Tissue was formalin-fixed followed by heat mediated antigen retrieval prior to blocking. HRP Gt-a-Rabbit IgG





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### **Products Related to NB600-499**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
5036-WN-010	Wnt-3a [Unconjugated]

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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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