

# Product Datasheet

## SPNS2 Antibody - BSA Free

### NBP1-54345

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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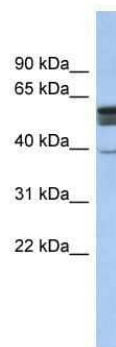
**NBP1-54345**

SPNS2 Antibody - BSA Free

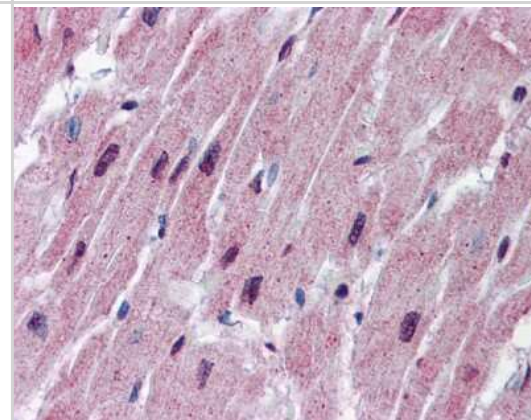
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	60 kDa
<b>Product Description</b>	
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	124976
<b>Gene Symbol</b>	SPNS2
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptides corresponding to SPNS2 (spinster homolog 2 (Drosophila)) The peptide sequence was selected from the N terminal of SPNS2 (NP_001118230). Peptide sequence PPGTTPGTPGCAATAKGPQAQQPKPASLGRGRGAAAAILSLGNVLNYLDY. The peptide sequence for this immunogen was taken from within the described region.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 5 ug/ml

## Images

Western Blot: SPNS2 Antibody [NBP1-54345] - 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human Muscle



Immunohistochemistry-Paraffin: SPNS2 Antibody [NBP1-54345] - Human Heart Tissue, antibody concentration 5 ug/ml.



## Publications

Liang W, Liu M, Su Y et al. Spinster homolog 2 reduces malignancies of glioblastoma via PTEN/PI3K/AKT pathway IUBMB life 2023-09-20 [PMID: 37728571] (IHC-P)

Lv L, Yi Q, Yan Y et al. SPNS2 Downregulation Induces EMT and Promotes Colorectal Cancer Metastasis via Activating AKT Signaling Pathway Frontiers in Oncology 2021-06-24 [PMID: 34249729] (Western Blot)

Ha AW, Bai T, Ebenezer DL et al. Sphingosine kinase 1 regulates lysyl oxidase through STAT3 in hyperoxia-mediated neonatal lung injury Thorax 2021-04-21 [PMID: 33883249]

Lu J, Tseng Y, Lo Y et al. Prognostic Significance of Cytoplasmic SPNS2 Expression in Patients with Oral Squamous Cell Carcinoma Medicina 2021-02-12 [PMID: 33673355] (IHC-P, Human)



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### **Products Related to NBP1-54345**

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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
464-SH-025	Sonic Hedgehog/Shh [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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