

# Product Datasheet

## Sphingosine 1 phosphate phosphatase 2 Antibody - BSA Free NBP1-53181

Unit Size: 100ul

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

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### Publications: 1

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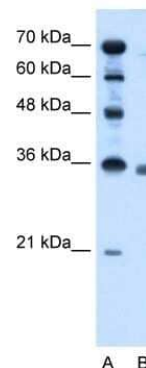


**NBP1-53181****Sphingosine 1 phosphate phosphatase 2 Antibody - BSA Free**

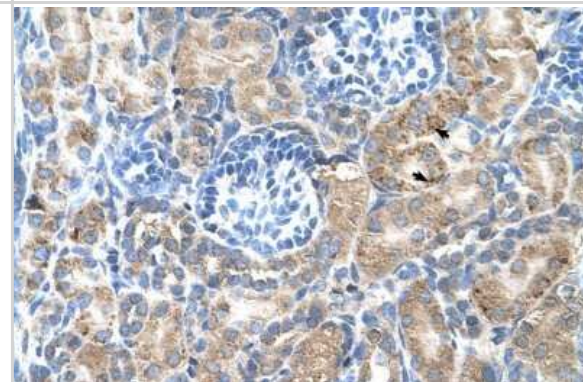
<b>Product Information</b>	
<b>Unit Size</b>	100ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	37 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>	130367
<b>Gene Symbol</b>	SGPP2
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptides corresponding to SGPP2(sphingosine-1-phosphate phosphatase 2) The peptide sequence was selected from the C terminal of SGPP2. Peptide sequence SKPAESLPVIQNIPPLTTYMLVLGLTKFAVGIVLILLVRQLVQNLSLQVL. 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 1:10-1:500

## Images

Western Blot: Sphingosine 1 phosphate phosphatase 2 Antibody [NBP1-53181] - Titration: 2.5ug/ml Positive Control: HepG2 cell lysate.



Immunohistochemistry-Paraffin: Sphingosine 1 phosphate phosphatase 2 Antibody [NBP1-53181] - Human kidney Tissue, antibody concentration 4-8ug/ml. Cells with positive label: renal corpuscle cells (indicated with arrows) 400X magnification.



## Publications

Yi X, Chang ML, Zhou ZD et al. LPS induces SGPP2 to participate metabolic reprogramming in endothelial cells Free radical biology & medicine 2023-09-11 [PMID: 37703934]



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### **Products Related to NBP1-53181**

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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
355-BM-010	BMP-2 [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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