

# Product Datasheet

## SIPA1 Antibody - BSA Free

### NBP1-77947

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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**NBP1-77947**

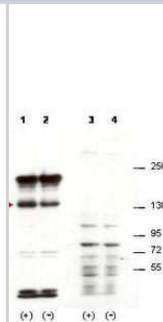
SIPA1 Antibody - BSA Free

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 product was affinity purified from monospecific antiserum by immunoaffinity chromatography</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	6494
Gene Symbol	SIPA1
Species	Human, Mouse
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with SIPA1 from mouse, human and rat based on a 100% homology with the immunizing sequence. Cross-reactivity with SIPA1 from other sources has not been determined.
Immunogen	This affinity purified SIPA1 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a region near the amino terminus of mouse SIPA1. (Uniprot: P46062)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:20000, Immunohistochemistry 1.25-2.5 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This affinity purified antibody has been tested for use in ELISA, immunohistochemistry, and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 130 kDa in size corresponding

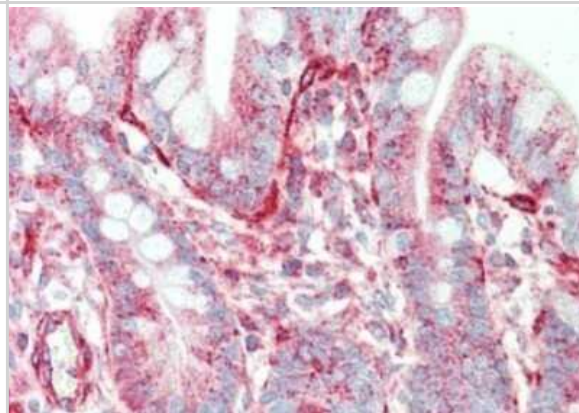


## Images

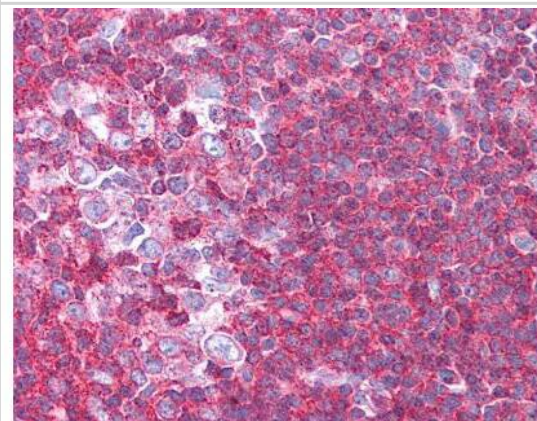
**Western Blot: SIPA1 Antibody [NBP1-77947]** - Detection of over-expressed Sipa1 in lysates from mouse 3T3 cells transfected with Sipa1 (lane 1). Endogenous Sipa1 is detected in lane 2, which contains lysate from 3T3 cells mock-transfected with LacZGLB, although at a significantly reduced level compared to transfected cells. Lane 3 and 4 are similar to lanes 1 and 2 except the antibody was preincubated with the immunizing peptide prior to reaction with the membrane. The identity of the higher and lower molecular weight bands is unknown. The band at ~130 kDa, indicated by the arrowhead, corresponds to recombinant Sipa1. Primary antibody was used at 1:1250.



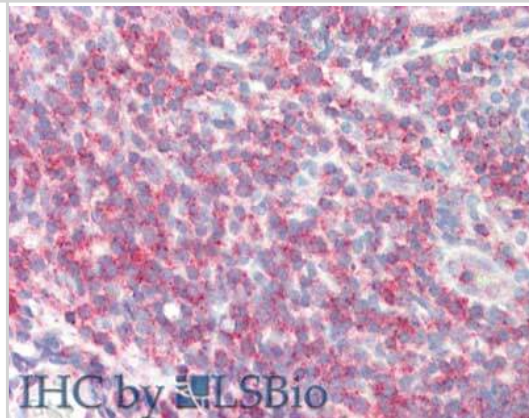
**Immunohistochemistry: SIPA1 Antibody [NBP1-77947]** - Tissue: small intestine. Fixation: formalin fixed paraffin embedded. Primary antibody: Anti-Sipa1 at 5 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Sipa-1 as precipitated red signal with hematoxylin purple nuclear counterstain.



**Immunohistochemistry: SIPA1 Antibody [NBP1-77947]** - Affinity purified anti-Sipa1 antibody was used at 1.25 ug/ml to detect signal in a variety of tissues including multi-human, multi-brain and multi-cancer slides. This image shows moderate to strong positive staining of lymphocytes within human tonsil at 40X. Tissue was formalin-fixed and paraffin embedded. The image shows localization of the antibody as the precipitated red signal, with a hematoxylin purple nuclear counterstain. Personal Communication, Tina Roush, LifeSpanBiosciences, Seattle, WA.



**Immunohistochemistry of SIPA1 Antibody.** Tissue: tonsil. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-Sipa1 at 5 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Sipa1 as precipitated red signal with hematoxylin purple nuclear counterstain.





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### **Products Related to NBP1-77947**

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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
H00006494-Q01-10ug	Recombinant Human SIPA1 GST (N-Term) Protein

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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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