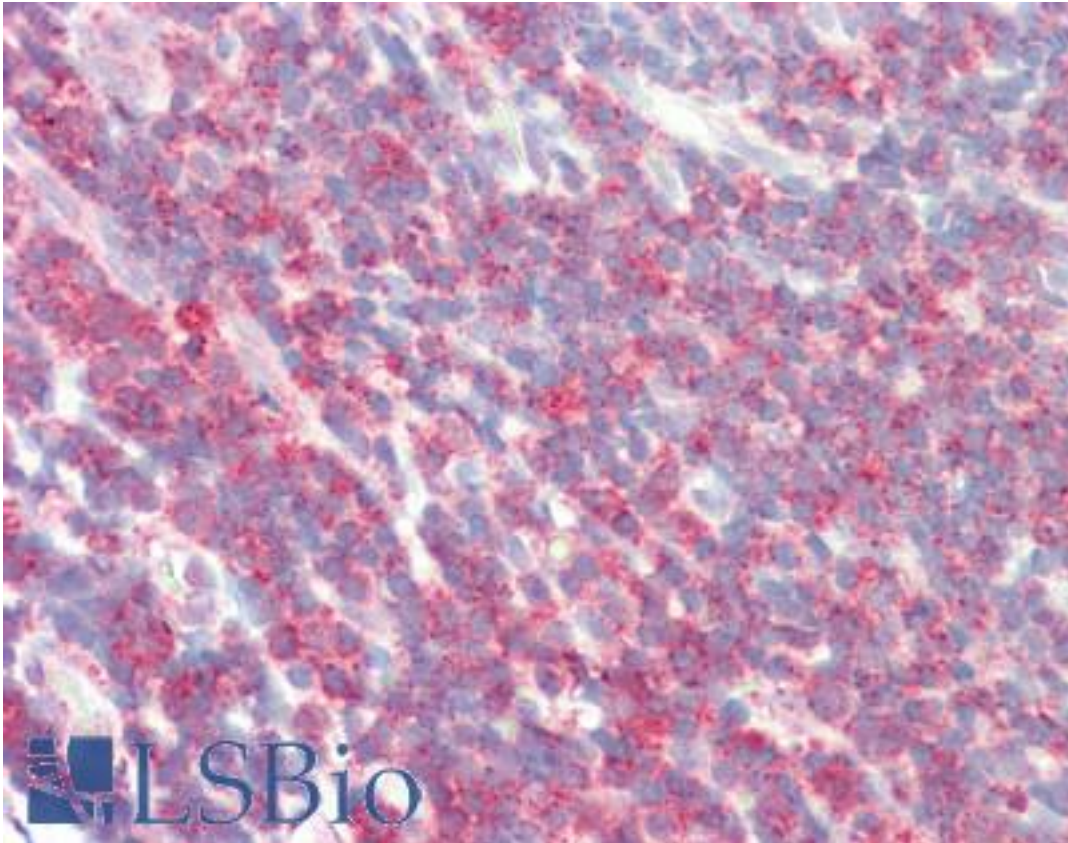


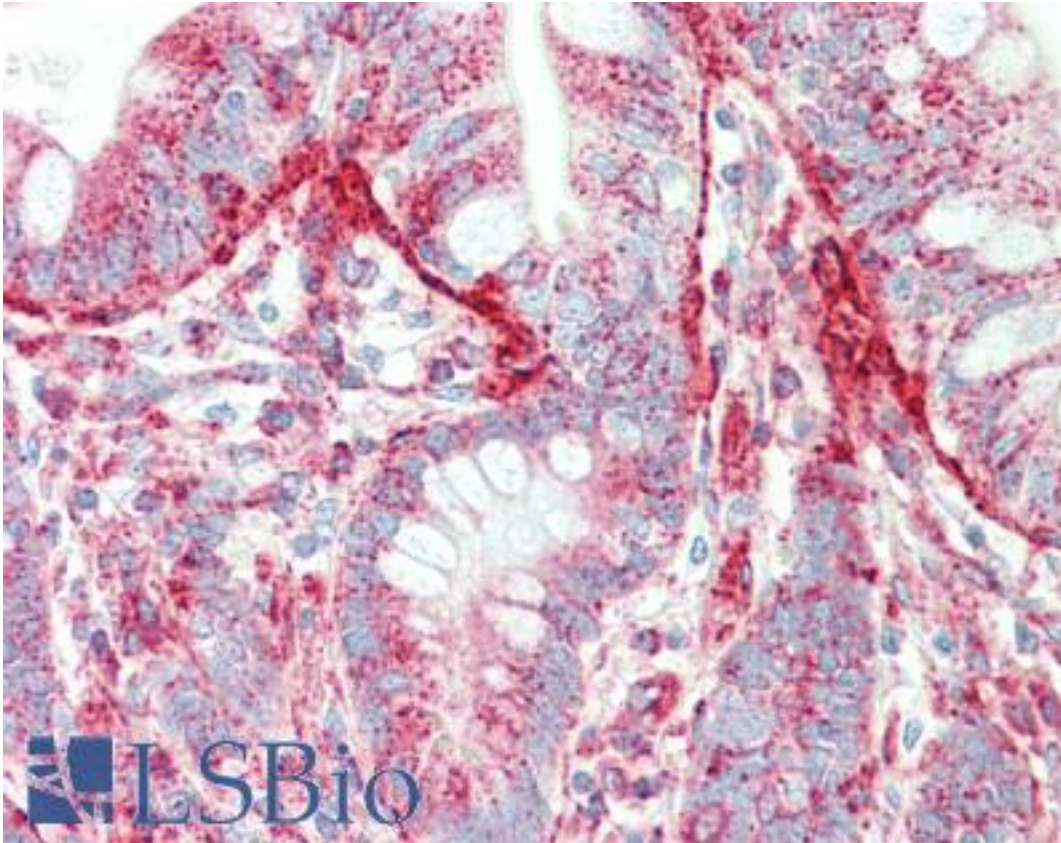
SIPA1 Rabbit anti-Mouse Polyclonal (N-Terminus) Antibody - LS-B10609 - LSBio	
<b>CatalogID:</b>	LS-B10609
<b>Validation:</b>	This antibody replaces catalog number LS-C60117. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	signal-induced proliferation-associated 1 (SIPA1)
<b>Synonyms:</b>	SIPA1 Antibody, Sipa-1 Antibody, SPA1 Antibody, p130 SPA-1 Antibody
<b>Host</b>	SIPA1 antibody was produced in Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	SIPA1 antibody was raised against Mouse
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	SIPA1 antibody was raised against synthetic peptide corresponding to a region near the amino terminus of mouse Sipa1.
<b>Specificity:</b>	This antibody is specific for mouse Sipa1 protein. 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
<b>Epitope:</b>	N-Terminus
<b>Reactivity:</b>	Mouse, Human, Rat
<b>Purification:</b>	Immunoaffinity purified
<b>Presentation:</b>	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
<b>Recommended Storage:</b>	Long term: -20°C; Short term: -20°C
<b>Usage Summary:</b>	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 kD in size corresponding to Sipa1 by western blotting in the appropriate cell lysate or extract. This antibody is capable of detecting both over-expressed and endogenous Sipa1.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Western blot (1:1000 - 1:5000), ELISA (1:20000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg

**Immunohistochemistry Image:**



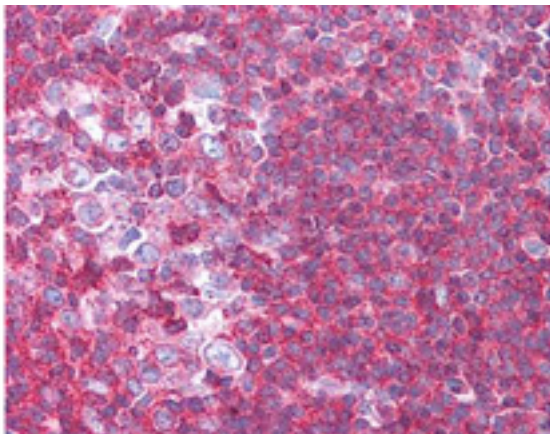
Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

**Immunohistochemistry Image:**



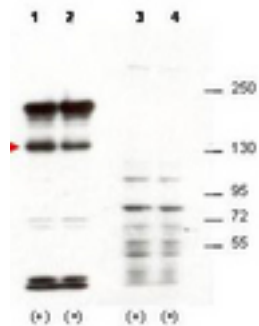
Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

**Immunohistochemistry Image:**



Anti-Sipa1 Antibody - Immunohistochemistry. 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.

**Western Blot Image:**



Anti-Sipa1 Antibody - Western Blot. Western blot of affinity purified anti-Sipa1 antibody shows 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 kD, indicated by the arrowhead, corresponds to recombinant Sipa1. Primary antibody was used at 1:1250. Personal communication, H. Yang, L. Lukes and K. Hunter, NCI, Bethesda, MD.

**Requested From:**

Japan

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