

Rabbit anti-Human, Mouse SLPI Polyclonal Antibody | anti-SLPI antibody

SLPI Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39803	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

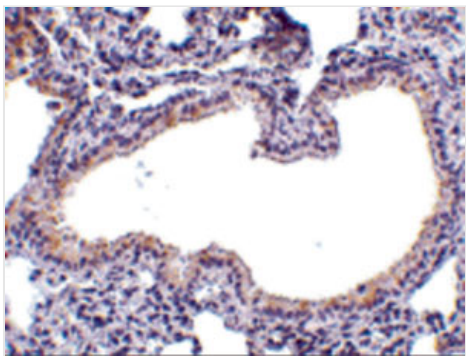
PRODUCT SYNONYMS

SLPI; Polyclonal Antibody; SLPI Antibody; ALP; MPI; ALK1; BLPI; HUSI; WAP4; WFDC4; HUSI-I; Antileukoproteinase; secretory leukocyte peptidase inhibitor; anti-SLPI antibody

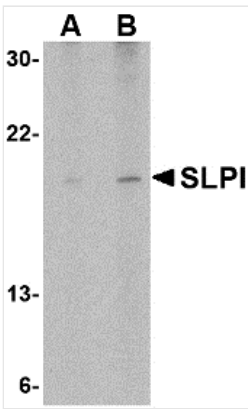
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SLPI Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	132
Applicable Applications for anti-SLPI antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SLPI antibody was raised against a 17 amino acid synthetic peptide from near the center of human SLPI.
Buffer	SLPI Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SLPI antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of SLPI in mouse lung tissue with SLPI antibody at 10 µg/mL.



WB (Western Blot)
Western blot analysis of SLPI in Daudi cell lysate with SLPI antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SLPI antibody	SLPI Antibody: Secretory leukocyte protease inhibitor (SLPI) is produced at mucosal surfaces, primarily the upper respiratory tract and is thought to play an important role in the antiprotease defense mechanism of the lung. SLPI forms inhibitory complexes with numerous proteolytic enzymes such as neutrophil elastase, and has been shown to possess anti-inflammatory, anti-viral, and antibacterial activities. Its expression in oral epithelial cells is stimulated by HIV-1 gp120, suggesting that SLPI is a component of the oral mucosal response to HIV-1. In peripheral blood monocytes, SLPI can inhibit NF- κ B activation by inhibiting I κ B degradation in the cytoplasm and competing for NF- κ B binding sites in the nucleus. This attenuation of the inflammatory response may also act to suppress liver metastases and other cancer cell invasions, but promote blood-borne metastasis via an invasion-independent pathway.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	758101
NCBI GeneID	6590
UniProt Accession #	P03973; P07757; B2R5H8
Molecular Weight	Predicted: 15kDa Observed: 19kDa
NCBI Official Full Name	secretory leukocyte protease inhibitor (SLPI)
NCBI Official Synonym Full Names	secretory leukocyte peptidase inhibitor
NCBI Official Symbol	SLPI
NCBI Official Synonym Symbols	ALP; MPI; ALK1; BLPI; HUSI; WAP4; WFDC4; HUSI-I
NCBI Protein Information	antileukoproteinase; HUSI-1; protease inhibitor WAP4; mucus proteinase inhibitor; seminal proteinase inhibitor; WAP four-disulfide core domain protein 4; secretory leukocyte protease inhibitor (antileukoproteinase)
UniProt Protein Name	Antileukoproteinase
UniProt Gene Name	SLPI
UniProt Synonym Gene Names	WAP4; WFDC4; ALP; MPI
UniProt Entry Name	SLPI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

