

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

RABBIT ANTI SLPI

CATALOG # AAA50028	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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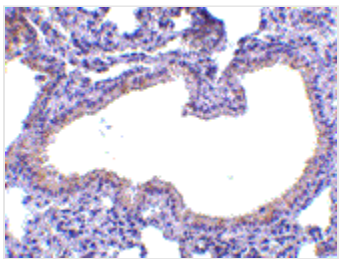
PRODUCT SYNONYMS

SLPI; Polyclonal Antibody; RABBIT ANTI SLPI; anti-SLPI antibody

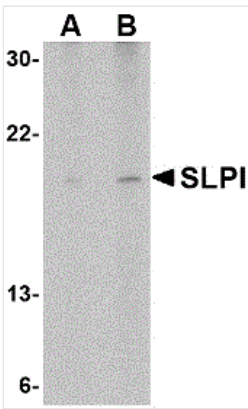
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises secretory leukocyte protease inhibitor (SLPI), a 14kD non-glycosylated protein produced by secretory cells in the respiratory, genital and lacrimal glands, and by macrophages, B-cells and neutrophils. The functions of SLPI are diverse. The SLPI protein inhibits protease activity at sites of inflammation, protecting tissues against protease mediated damage and it possesses anti-microbial/anti-viral activity. In addition, SLPI has been reported to exhibit anti-inflammatory properties, regulating lipopolysaccharide induced activation of NF-kappa beta in peripheral blood monocytes.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	132
Applicable Applications for anti-SLPI antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide
Immunogen	A 17 amino acid peptide located near the centre of human SLPI. Buffer Solution
Antiserum Preparation	Antisera to human SLPI were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Formalin fixed, paraffin embedded mouse lung stained with Rabbit anti Human SLP1 (AAA50028) following heat mediated antigen retrieval using sodium citrate buffer (pH6.0)



Application Data
Western blot analysis of whole cell lysate from Daudi, Burkitt's lymphoma derived cels probed with Rabbit anti Human SLP1 probed with Rabbit anti Human SLP1 (AAA50028) at 1(A) and 2(B) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SLPI antibody	MBS223103 recognises secretory leukocyte protease inhibitor (SLPI), a 14kD non-glycosylated protein produced by secretory cells in the respiratory, genital and lacrimal glands, and by macrophages, B-cells and neutrophils. The functions of SLPI are diverse. The SLPI protein inhibits protease activity at sites of inflammation, protecting tissues against protease mediated damage and it possesses anti-microbial/anti-viral activity. In addition, SLPI has been reported to exhibit anti-inflammatory properties, regulating lipopolysaccharide induced activation of NF-kappa beta in peripheral blood monocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507065
NCBI GeneID	6590
NCBI Accession #	NP_003055.1
NCBI GenBank Nucleotide #	NM_003064.3
UniProt Accession #	P03973; P07757; B2R5H8
Molecular Weight	14,326 Da
NCBI Official Full Name	antileukoproteinase
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; WAP four-disulfide core domain protein 4; mucus proteinase inhibitor; protease inhibitor WAP4; secretory leukocyte protease inhibitor (antileukoproteinase); seminal proteinase inhibitor
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.

