

Datasheet: AHP1437

Description:	RABBIT ANTI SLPI
Specificity:	SLPI
Other names:	HUSI-1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

RRID AB_2195061

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1.0 - 2.0ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species Human

Species Cross Reactivity Reacts with: Mouse
N.B. Antibody reactivity and working conditions may vary between species.

Product Form Purified IgG - liquid

Antiserum Preparation Antisera to human SLPI were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.02% Sodium Azide

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	A 17 amino acid peptide located near the centre of human SLPI.
External Database Links	<p>UniProt: P03973 Related reagents</p> <p>Entrez Gene: 6590 SLPI Related reagents</p>
Synonyms	WAP4, WFDC4
Specificity	<p>Rabbit anti Human SLPI antibody recognizes secretory leukocyte protease inhibitor (SLPI), a ~14 kDa non-glycosylated protein produced by secretory cells in the respiratory, genital and lachrymal glands, and by macrophages, B-cells and neutrophils.</p> <p>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.</p>
Western Blotting	AHP1437 detects a band of approximately 14kDa in Daudi cell lysates.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>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.</p>
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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