

Datasheet for ABIN6990761
anti-SLPI antibody (AA 60-110)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	SLPI
Binding Specificity:	AA 60-110
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLPI antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	SLPI antibody was raised against a 17 amino acid synthetic peptide from near the center of human SLPI. The immunogen is located within amino acids 60 - 110 of SLPI.
Isotype:	IgG
Purification:	SLPI Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SLPI
Alternative Name:	SLPI (SLPI Products)
Background:	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

Target Details

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.

Molecular Weight: Predicted: 15 kDa
Observed: 19 kDa

Gene ID: 6590

UniProt: [P03973](#)

Application Details

Application Notes: SLPI antibody can be used for detection of SLPI by Western blot at 1 - 2 μ g/mL. Antibody can also be used for immunohistochemistry starting at 10 μ g/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SLPI Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SLPI antibody can be stored at 4°C for three months and -20°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.