



Rabbit Anti-SKALP antibody

SL6531R

Product Name:	SKALP
Chinese Name:	弹性蛋白酶抑制剂抗体
Alias:	ELAF_HUMAN; Elafin; Elastase Specific Inhibitor; Elastase-specific inhibitor; ES 1; ESI; Peptidase inhibitor 3; PI 3; PI-3; PI3; Protease inhibitor 3 skin derived; Protease inhibitor WAP3; SKALP; Skin derived Anti leukoproteinase; Skin-derived antileukoproteinase; Trappin 2; WAP four disulfide core domain protein 14; WAP four-disulfide core domain protein 14; WFDC14.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	13kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SKALP/Elafin:61-117/117
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes an elastase-specific inhibitor that functions as an antimicrobial peptide against Gram-positive and Gram-negative bacteria. The protein contains a WAP-type four-disulfide core (WFDC) domain, and is thus a member of the WFDC

domain family. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the centromeric cluster. Expression of this gene is upregulated by bacterial lipopolysaccharides and cytokines. [provided by RefSeq, Oct 2008]

Function:

Neutrophil and pancreatic elastase-specific inhibitor of skin. It may prevent elastase-mediated tissue proteolysis.

Subcellular Location:

Secreted.

Similarity:

Contains 1 WAP domain.

SWISS:

P19957

Gene ID:

5266

Database links:

[Entrez Gene: 5266](#) Human

[Omim: 182257](#) Human

[SwissProt: P19957](#) Human

[Unigene: 112341](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Elafin,又称SKALP(Skin-derived antileucoproteinase)或弹性蛋白酶特异性抑制剂(Elastase-Specific Inhibitor,ESI),它是一种低分子量的弹性蛋白酶抑制剂。它属于“trappin”蛋白家族Trappin-2,具有拮抗胰弹性蛋白酶、中性粒细胞弹性蛋白酶(NE)和蛋白酶3的作用。