



Rabbit Anti-SERPINB3 antibody

SL9214R

Product Name:	SERPINB3
Chinese Name:	丝氨酸蛋白酶抑制剂B3抗体
Alias:	HsT1196; Protein T4 A; Protein T4-A; SCC; SCCA PD; SCCA-1; SCCA1; SCCAPD; Serine (or cysteine) proteinase inhibitor clade B (ovalbumin) member 3; Serpin B3; Serpin peptidase inhibitor clade B (ovalbumin) member 3; SERPINB3; SPB3 HUMAN; Squamous cell carcinoma antigen 1; T4 A; T4A.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	46kDa
Cellular localization:	cytoplasmicSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SERPINB3:71-170/390
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:	Metastasis of a primary tumor to a distant site is determined through signaling cascades that break down interactions between the cell and extracellular matrix proteins. Among the proteins mediating metastasis are serine prote-ases, such as neutrophil elastase.SCCA is transcribed by two nearly identical genes (SCCA1 and SCCA2), and

is mainly produced as SCCA1. The human SCCA1 gene encodes a 390 amino acid protein that was originally isolated from a metastatic cervical squamous cell carcinoma.

Function:

May act as a protease inhibitor to modulate the host immune response against tumor cells.

Subcellular Location:

Cytoplasm. Seems to also be secreted in plasma by cancerous cells but at a low level.

Tissue Specificity:

Squamous cells. Expressed in some hepatocellular carcinoma (at protein level).

Similarity:

Belongs to the serpin family. Ov-serpin subfamily.

SWISS:

P29508

Gene ID:

6317

Database links:

[Entrez Gene: 6317](#)Human

[Omim: 600517](#)Human

[SwissProt: P29508](#)Human

[Unigene: 227948](#)Human

Important Note:

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