



Rabbit Anti-PI14 antibody

SL9514R

Product Name:	PI14
Chinese Name:	蛋白酶抑制剂14抗体
Alias:	MEPI; Myoepithelium derived serine protease inhibitor; Pancpin; Pancreas specific protein TSA2004; Peptidase inhibitor 14; PI 14; PI14; Protease inhibitor 14; Serine (or cysteine) proteinase inhibitor clade I (neuroserpin) member 2; Serine (or cysteine) proteinase inhibitor clade I (pancpin) member 2; Serpin I2; Serpin peptidase inhibitor clade I (pancpin) member 2; TSA2004; SPI2 HUMAN; SERPINI2.
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=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	44kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SERPINI2/PI14:151-250/405
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:	SERPINI2 is a member of the serine protease inhibitor (serpin) superfamily made up of proteins which play central roles in the regulation of a wide variety of physiological processes, including coagulation, fibrinolysis, development, malignancy and

inflammation. It may have a role in a growth-control, possibly growth-suppressing pathway and, when impaired, may be involved in pancreatic carcinogenesis. The protein is a member of the plasminogen activator inhibitor-1 family, a subset of the serpin superfamily whose members act as tissue-specific tPA inhibitors. Two alternatively spliced transcript variants encoding distinct protein isoforms have been found for this gene.

Subcellular Location:

Secreted

Tissue Specificity:

Expressed in pancreas and adipose tissues.

Similarity:

Belongs to the serpin family.

SWISS:

O75830

Gene ID:

5276

Database links:

[Entrez Gene: 5276](#)Human

[Entrez Gene: 67931](#)Mouse

[Entrez Gene: 171149](#)Rat

[Omim: 605587](#)Human

[SwissProt: O75830](#)Human

[SwissProt: Q9JK88](#)Mouse

[Unigene: 445555](#)Human

[Unigene: 259446](#)Mouse

[Unigene: 54500](#)Rat

Important Note:

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