



Rabbit Anti-SERPINB10 antibody

SL9211R

Product Name:	SERPINB10
Chinese Name:	丝氨酸蛋白酶抑制剂B10抗体
Alias:	Bomapin; PI10; Protease inhibitor 10; Protease inhibitor 10 (ovalbumin type bomapin); Serpin B10; Serpin peptidase inhibitor clade B (ovalbumin) member 10; SPB10 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=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:	45kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SERPINB10:11-110/397
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:	SERPINB10 is a serine proteinase inhibitor of the ovalbumin like B clade of serpins. It was first discovered in human bone marrow in a search for serpins similar to SerpinB6. SERPINB10 was identified in lymphocytes, and was elevated in chronic myeloid leukemia and chronic myelomonocytic leukemia cells. The monocytic cell lines THP-1 and AML-193 also showed elevated SERPINB10 expression.

Function:

Protease inhibitor that may play a role in the regulation of protease activities during hematopoiesis and apoptosis induced by TNF. May regulate protease activities in the cytoplasm and in the nucleus.

Subcellular Location:

Nucleus. Cytoplasm.

Tissue Specificity:

Expressed specifically in the bone marrow.

Similarity:

Belongs to the serpin family. Ov-serpin subfamily.

SWISS:

P48595

Gene ID:

5273

Database links:

[Entrez Gene: 5273](#)Human

[GenBank: NP_005015.1](#)Human

[Omim: 602058](#)Human

[SwissProt: P48595](#)Human

[SwissProt: Q4VAX7](#)Human

[Unigene: 158339](#)Human

Important Note:

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