

SERPINB9 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19931c

Specification

SERPINB9 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P50453
Other Accession	NP_004146.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	122-150

SERPINB9 Antibody (Center) - Additional Information

Gene ID 5272

Other Names

Serin B9, Cytoplasmic antiproteinase 3, CAP-3, CAP3, Peptidase inhibitor 9, PI-9, SERPINB9, PI9

Target/Specificity

This SERPINB9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-150 amino acids from the Central region of human SERPINB9.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SERPINB9 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SERPINB9 Antibody (Center) - Protein Information

Name SERPINB9

Synonyms PI9

Function Granzyme B inhibitor.

Cellular Location

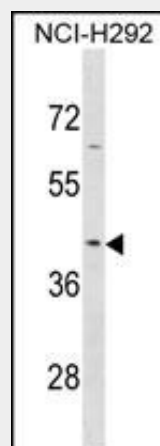
Cytoplasm.

SERPINB9 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SERPINB9 Antibody (Center) - Images



SERPINB9 Antibody (Center) (Cat. #AP19931c) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the SERPINB9 antibody detected the SERPINB9 protein (arrow).

SERPINB9 Antibody (Center) - Background

PI9 belongs to the large superfamily of serine proteinase inhibitors (serpins), which bind to and inactivate serine proteinases. These interactions are involved in many cellular processes, including coagulation, fibrinolysis, complement fixation, matrix remodeling, and apoptosis (Sprecher et al., 1995 [PubMed 8530382]).

SERPINB9 Antibody (Center) - References

Rousalova, I., et al. Int. J. Oncol. 36(1):275-283(2010)
Jiang, X., et al. Endocrinology 149(11):5366-5373(2008)
Bots, M., et al. Hum. Immunol. 68(12):959-964(2007)
Kummer, J.A., et al. Cell Death Differ. 14(8):1486-1496(2007)
Jiang, X., et al. Oncogene 26(28):4106-4114(2007)