

Serpin B5 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51505

Specification

Serpin B5 Antibody - Product Information

Application	WB
Primary Accession	P36952
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42 KDa
Antigen Region	71 - 130

Serpin B5 Antibody - Additional Information

Gene ID 5268

Other Names

Serpin B5, Maspin, Peptidase inhibitor 5, PI-5, SERPINB5, PI5

Target/Specificity

KLH conjugated synthetic peptide derived from human Serpin B5

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Serpin B5 Antibody - Protein Information

Name SERPINB5

Synonyms PI5

Function

Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.

Cellular Location

Secreted, extracellular space.

Tissue Location

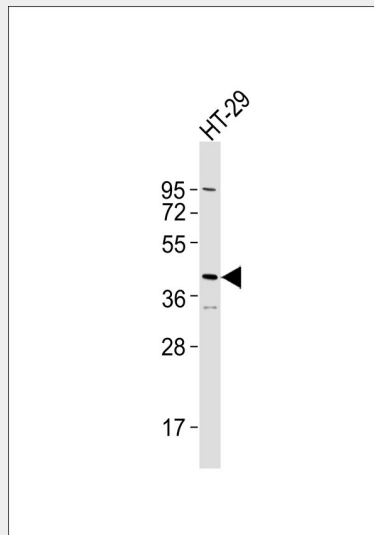
Normal mammary epithelial cells.

Serpin B5 Antibody - 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](#)

Serpin B5 Antibody - Images



Anti-Serpin B5 Antibody at 1:1000 dilution + HT-29 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 42 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

Serpin B5 Antibody - Background

Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.

Serpin B5 Antibody - References

- Zou Z., et al. *Science* 263:526-529(1994).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Nusbaum C., et al. *Nature* 437:551-555(2005).
Bechtel S., et al. *BMC Genomics* 8:399-399(2007).
Pemberton P.A., et al. *J. Biol. Chem.* 270:15832-15837(1995).