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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

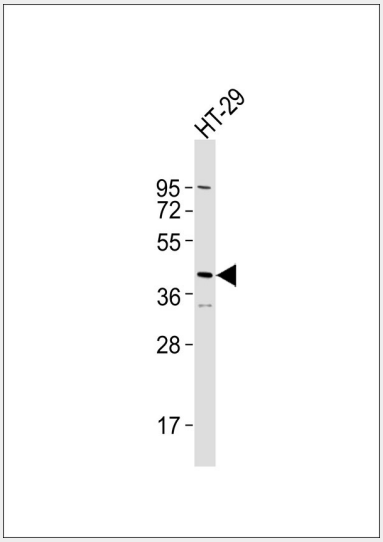
Normal mammary epithelial cells.

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 Cytomety
- Cell Culture

Serpin B5 Antibody - Images



Anti-Serpin B5 Antibodyat 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% NFDM/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

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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).
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