

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

**Specification**

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**Serpin B5 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P36952</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>42 KDa</b>
Antigen Region	<b>71 - 130</b>

**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**

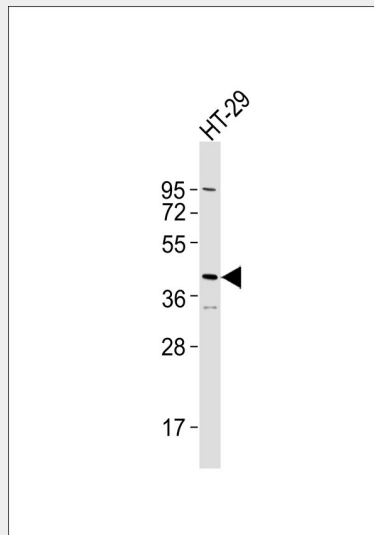
Normal mammary epithelial cells.

### 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

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### 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).