

## Rabbit SERPINB5 Polyclonal Antibody | anti-SERPINB5 antibody

SERPINB5 Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA166640</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

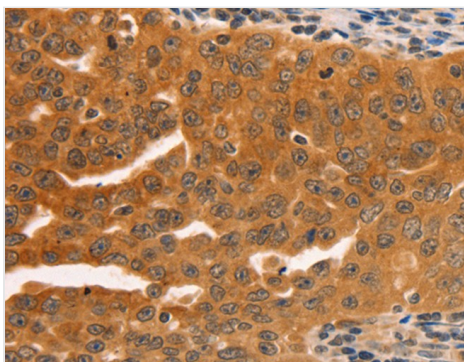
### PRODUCT SYNONYMS

SERPINB5; Polyclonal Antibody; SERPINB5 Polyclonal Antibody; PI5; maspin; anti-SERPINB5 antibody

### PRODUCT SPECIFICATIONS

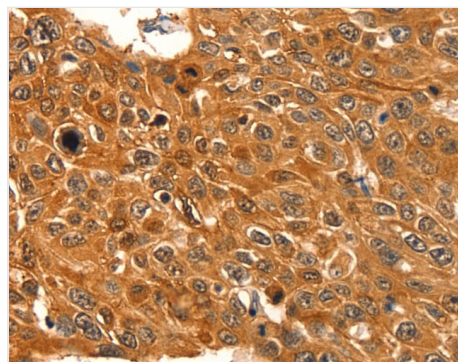
|                                                    |                                                                                           |
|----------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                    |
| Reactivity                                         | Human, Mouse, Rat                                                                         |
| Clonality                                          | Polyclonal                                                                                |
| Isotype                                            | IgG                                                                                       |
| Purity/Purification                                | Antigen affinity purification                                                             |
| Concentration                                      | 1.9mg/mL (varies by lot)                                                                  |
| Sequence Length                                    | 231                                                                                       |
| Applicable Applications for anti-SERPINB5 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                          | Recombinant protein of human SERPINB5                                                     |
| Buffer                                             | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                            | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



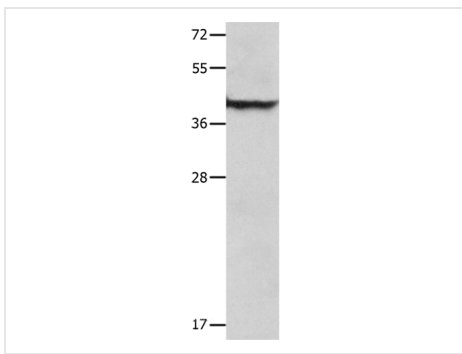
#### IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using SERPINB5 Polyclonal Antibody at dilution of 1:60



#### IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using SERPINB5 Polyclonal Antibody at dilution of 1:60



#### WB (Western Blot)

Western Blot analysis of Mouse lung tissue using SERPINB5 Polyclonal Antibody at dilution of 1:1000

## ADDITIONAL INFORMATION

|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-SERPINB5 antibody</b> | Maspin (mammary serine protease inhibitor) also known as serpin B5 is a protein that in humans is encoded by the SERPINB5 gene. [1] This protein belongs to the serpin (serine protease inhibitor) superfamily. [1] SERPINB5 also functions as a tumor suppressor gene in epithelial cells. The expressed protein suppresses the ability of cancer cells to invade and metastasize other tissues. The protein also functions as an angiogenesis inhibitor. 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. |
| <b>Product Categories/Family for anti-SERPINB5 antibody</b>   | Epigenetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 18089114                                                                                                                                        |
| <b>NCBI GeneID</b>                      | 5268                                                                                                                                            |
| <b>Molecular Weight</b>                 | 25,763 Da                                                                                                                                       |
| <b>NCBI Official Full Name</b>          | SERPINB5 protein                                                                                                                                |
| <b>NCBI Official Synonym Full Names</b> | serpin peptidase inhibitor, clade B (ovalbumin), member 5                                                                                       |
| <b>NCBI Official Symbol</b>             | SERPINB5                                                                                                                                        |
| <b>NCBI Official Synonym Symbols</b>    | PI5; maspin                                                                                                                                     |
| <b>NCBI Protein Information</b>         | serpin B5; PI-5; peptidase inhibitor 5; protease inhibitor 5 (maspin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5 |
| <b>UniProt Protein Name</b>             | Serpin B5                                                                                                                                       |
| <b>UniProt Gene Name</b>                | <b>SERPINB5</b>                                                                                                                                 |
| <b>UniProt Synonym Gene Names</b>       | PI5; PI-5                                                                                                                                       |
| <b>UniProt Entry Name</b>               | SPB5_HUMAN                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/serpinb5-antibody-immunohistochemistry-western-blot-elisa/166640>