

Rabbit SERPINB5 Polyclonal Antibody | anti-SERPINB5 antibody

SERPINB5 Polyclonal Antibody

CATALOG # AAA166640	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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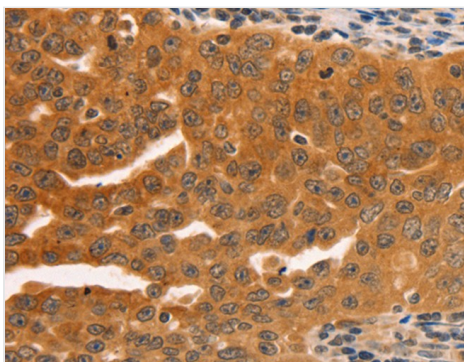
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

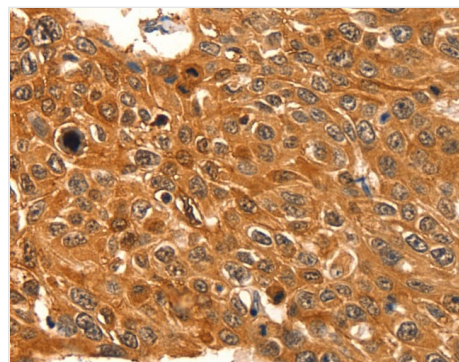
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.9mg/mL (varies by lot)
Sequence Length	231
Applicable Applications for anti-SERPINB5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant 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



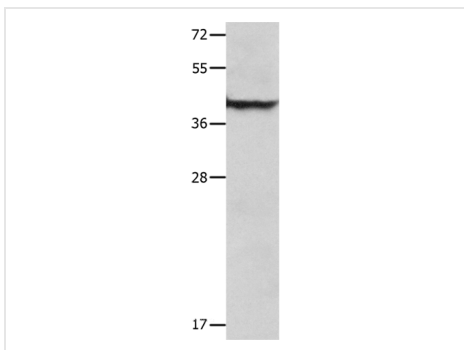
IHC (Immunohistochemisry)

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

Related Product Information for anti-SERPINB5 antibody	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.
Product Categories/Family for anti-SERPINB5 antibody	Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	18089114
NCBI GeneID	5268
Molecular Weight	25,763 Da
NCBI Official Full Name	SERPINB5 protein
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 5
NCBI Official Symbol	SERPINB5
NCBI Official Synonym Symbols	PI5; maspin
NCBI Protein Information	serpin B5; PI-5; peptidase inhibitor 5; protease inhibitor 5 (maspin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5
UniProt Protein Name	Serpin B5
UniProt Gene Name	SERPINB5
UniProt Synonym Gene Names	PI5; PI-5
UniProt Entry Name	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://www.aaabiotech.com/polyclonal/serpinb5-antibody-immunohistochemistry-western-blot-elisa/166640>