

Rabbit anti-Human, Mouse SERPINB5 Polyclonal Antibody | anti-SERPINB5 antibody

SERPINB5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301282	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

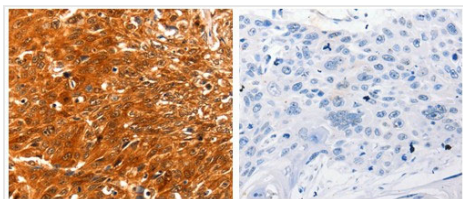
PRODUCT SYNONYMS

SERPINB5; Polyclonal Antibody; SERPINB5 Antibody; serpin peptidase inhibitor; clade B (ovalbumin); member 5; PI5; maspin; anti-SERPINB5 antibody

PRODUCT SPECIFICATIONS

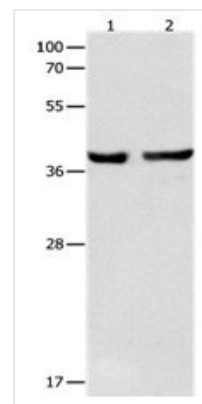
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SERPINB5 protein.
Form/Format	Supplied at 2mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	1289
Applicable Applications for anti-SERPINB5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Full length fusion protein
Target Name	SERPINB5
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 31098 (SERPINB5 Antibody) at dilution 1/60, on the right is treated with the fusion protein.



Application Data

Gel: 12%SDS-PAGE Lane1: Mouse esophagus tissue lysate Lane2: Human cervical cancer tissue lysate Lysates: 40 ug per lane Primary antibody: 1/1000 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 13 seconds

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	18089113
NCBI GeneID	5268
Molecular Weight	25,763 Da
NCBI Official Full Name	Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 5, mRNA
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
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://stage.aaabiotech.com/polyclonal/serpinb5-antibody-immunohistochemistry-western-blot-elisa/301282>