

Rabbit anti-Human, mouse Maspin Polyclonal Antibody | anti-SERPINB5 antibody

Maspin Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284241	Rabbit	Human, mouse	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

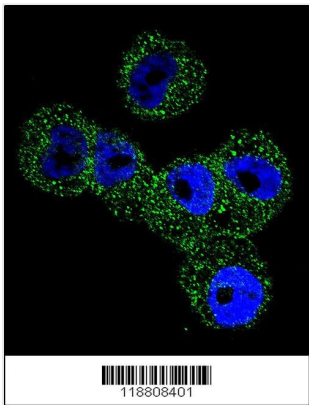
PRODUCT SYNONYMS

Maspin; Polyclonal Antibody; Maspin Antibody (Center); Serpin B5; Peptidase inhibitor 5; PI-5; SERPINB5; PI5; anti-SERPINB5 antibody

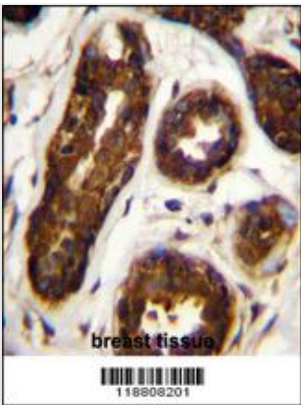
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Maspin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94-123 amino acids from the Central region of human Maspin.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	94-123
Sequence Length	231
Applicable Applications for anti-SERPINB5 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

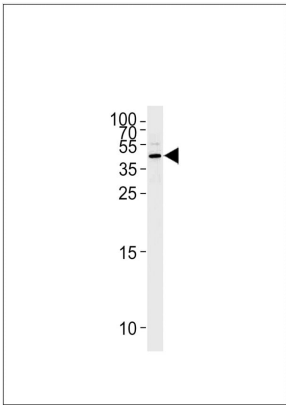
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of Maspin Antibody (Center) with A2058 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
Maspin Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Maspin Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from Hela cell line, using Maspin Antibody (Center). AAA284241 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB5 antibody	SERPINB5 is a 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.
Product Categories/Family for anti-SERPINB5 antibody	Crown Antibodies; Cancer
References	Kim, J., et al. Tumour Biol. 31(5):471-476(2010) Juengel, E., et al. World J Urol 28(4):465-471(2010) Besgen, P., et al. J. Immunol. 184(9):5392-5402(2010) Fung, C.L., et al. Histopathology 56(3):319-330(2010) Adim, S.B., et al. World J Surg Oncol 8, 22 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	167860126
NCBI GeneID	5268
NCBI Accession #	NP_002630.2
NCBI GenBank Nucleotide #	NM_002639.4

UniProt Accession #	P36952 ; Q6N0B4 ; Q8WW89 ; B2R6Y4
Molecular Weight	42100
NCBI Official Full Name	serpin B5
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/maspin-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/284241>