

Rabbit SERPINB1 Polyclonal Antibody | anti-SERPINB1 antibody

SERPINB1 Polyclonal Antibody

CATALOG # AAA22061	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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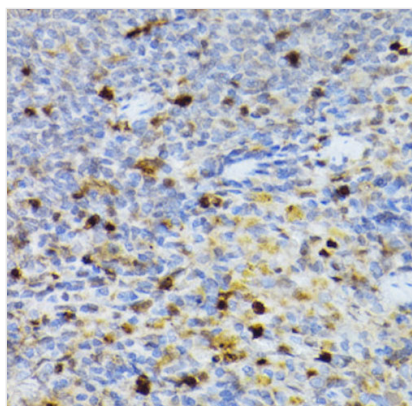
PRODUCT SYNONYMS

SERPINB1; Polyclonal Antibody; SERPINB1 Polyclonal Antibody; SERPINB1;EI;ELANH2;HEL-S-27;HEL57;LEI;M/NEI;MNEI;PI-2;PI2; anti-SERPINB1 antibody

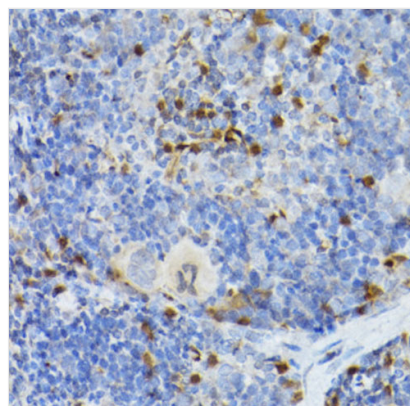
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Sequence Length	379
Applicable Applications for anti-SERPINB1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:20-1:100
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 100-379 of human SERPINB1 (NP_109591.1).
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-34304 / sc-34305 / sc-66957
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.

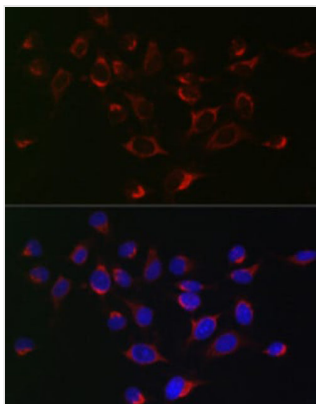
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat spleen using SERPINB1 Rabbit pAb (AAA22061) at dilution of 1:100 (40x lens).

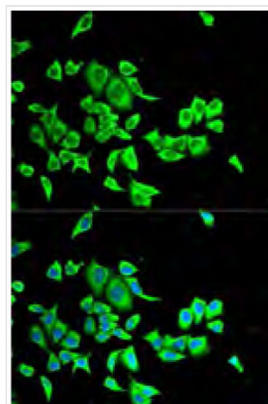

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spleen using SERPINB1 Rabbit pAb (AAA22061) at dilution of 1:100 (40x lens).



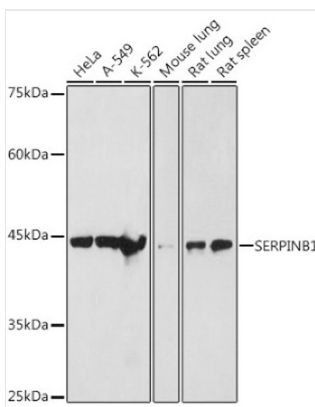
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SERPINB1 Rabbit pAb (AAA22061) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



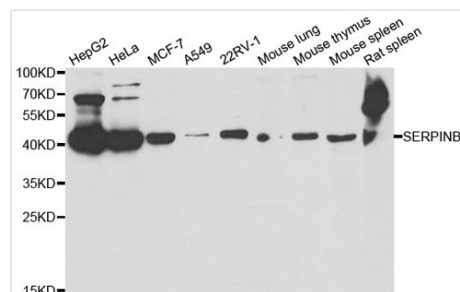
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using SERPINB1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SERPINB1 antibody (AAA22061) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SERPINB1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB1 antibody

The protein encoded by this gene is a member of the serpin family of proteinase inhibitors. Members of this family maintain homeostasis by neutralizing overexpressed proteinase activity through their function as suicide substrates. This protein inhibits the neutrophil-derived proteinases neutrophil elastase, cathepsin G, and proteinase-3 and thus protects tissues from damage at inflammatory sites. Alternative splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

NCBI GI #	649118515
NCBI GeneID	1992
Molecular Weight	Observed MW: 45KDa Calculated MW: 26kDa/42kDa
NCBI Official Full Name	SERPINB1, partial

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/serpinb1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/22061>