

Rabbit anti-Human SERPINB4 Polyclonal Antibody | anti-SERPINB4 antibody

SERPINB4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325139	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

SERPINB4; Polyclonal Antibody; SERPINB4 Antibody; Leupin; Peptidase inhibitor 11; PI 11; PI-11; PI11; Protease inhibitor (leucine serpin); SCCA 2; SCCA-2; SCCA1; SCCA2; SCCA2/SCCA1 fusion protein; Serine (or cysteine) proteinase inhibitor; clade B (ovalbumin); member 4; Serpin B4; Serpin peptidase inhibitor; SERPINB 4; SPB4_HUMAN; Squamous cell carcinoma antigen 1; Squamous cell carcinoma antigen 2; anti-SERPINB4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	SERPINB4 antibody detects endogenous levels of total SERPINB4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	390
Applicable Applications for anti-SERPINB4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Seems to also be secreted in plasma by cancerous cells but at a low level.
Tissue Specificity	Squamous cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325139 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 cells using SERPINB4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB4 antibody	Function: May act as a protease inhibitor to modulate the host immune response against tumor cells. Similarity: Belongs to the serpin family. Ov-serpin subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28076869
NCBI GeneID	6318
NCBI Accession #	NP_002965.1
NCBI GenBank Nucleotide #	NM_002974.3
UniProt Accession #	P48594; A8K847
Molecular Weight	Observed: 45 kD Predicted: 45 kDa
NCBI Official Full Name	serpin B4 isoform 1
NCBI Official Synonym Full Names	serpin family B member 4
NCBI Official Symbol	SERPINB4
NCBI Official Synonym Symbols	PI11; SCCA1; SCCA2; LEUPIN; SCCA-2
NCBI Protein Information	serpin B4
UniProt Protein Name	Serpin B4
UniProt Gene Name	SERPINB4
UniProt Synonym Gene Names	PI11; SCCA2; PI-11; SCCA-2

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/serpinb4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325139>