

Rabbit anti-Human, Rat SERPINB3 Polyclonal Antibody | anti-SERPINB3 antibody

SERPINB3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327036	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Western Blot

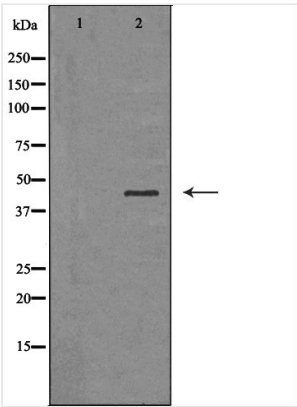
PRODUCT SYNONYMS

SERPINB3; Polyclonal Antibody; SERPINB3 Antibody; HsT1196; Protein T4 A; Protein T4-A; SCC; SCCA; SCCA PD; SCCA-1; SCCA-PD; SCCA1; SCCAPD; Serine (or cysteine) proteinase inhibitor clade B (ovalbumin) member 3; Serpin B3; Serpin peptidase inhibitor clade B (ovalbumin) member 3; serpin peptidase inhibitor; clade B (ovalbumin); member 3; SPB3_HUMAN; Squamous cell carcinoma antigen 1; T4 A; T4-A; T4A; anti-SERPINB3 antibody

PRODUCT SPECIFICATIONS

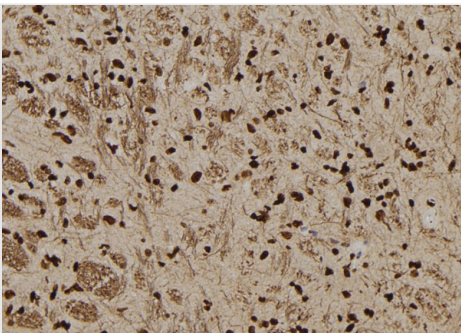
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SERPINB3 antibody detects endogenous levels of total SERPINB3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, 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-SERPINB3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SERPINB3
Subcellular Location	Cytoplasm. Seems to also be secreted in plasma by cancerous cells but at a low level.
Tissue Specificity	Squamous cells. Expressed in some hepatocellular carcinoma (at protein level).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of HepG2 cell lysate, using SERPINB3 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA327036 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB3 antibody

Function: May act as a papain-like cysteine protease inhibitor to modulate the host immune response against tumor cells. Also functions as an inhibitor of UV-induced apoptosis via suppression of the activity of c-Jun NH2-terminal kinase (JNK1).
Subunit Structure: Interacts with MAPK8/JNK1.
Similarity: Belongs to the serpin family. Ov-serpin subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902072
NCBI GeneID	6317
NCBI Accession #	NP_008850.1
NCBI GenBank Nucleotide #	NM_006919.2
UniProt Accession #	P29508; Q53H28; Q53YB5; Q86VF3; Q86W04; Q8IWL4; Q8IXI3; Q96J21; Q9BYF8; A6NDM2; B2RBT5; B3W5Y6
Molecular Weight	Observed: 44 kDa Predicted: 45 kDa
NCBI Official Full Name	serpin B3
NCBI Official Synonym Full Names	serpin family B member 3
NCBI Official Symbol	SERPINB3
NCBI Official Synonym Symbols	SCC; T4-A; SCCA1; SSCA1; SCCA-1; HsT1196; SCCA-PD
NCBI Protein Information	serpin B3
UniProt Protein Name	Serpin B3
UniProt Gene Name	SERPINB3
UniProt Synonym Gene Names	SCCA; SCCA1; SCCA-1

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.