

Rabbit anti-Human SerpinB3 Polyclonal Antibody | anti-SERPINB3 antibody

Anti-SerpinB3 Antibody, Rabbit Polyclonal

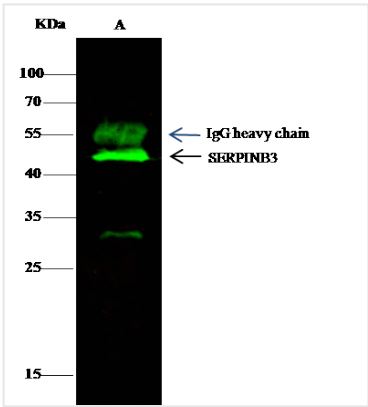
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255655	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

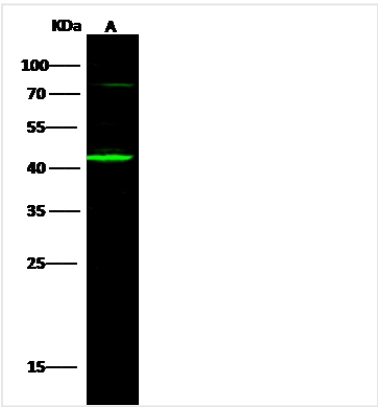
SerpinB3; Polyclonal Antibody; Anti-SerpinB3 Antibody; Rabbit Polyclonal; SERPINB3/SCCA-1 Antibody; Rabbit PAb; Antigen Affinity Purified; serpin peptidase inhibitor; clade B (ovalbumin); member 3; Anti-HsT1196 Antibody; Anti-SCC Antibody; Anti-SCCA-1 Antibody; Anti-SCCA-PD Antibody; Anti-SCCA1 Antibody; Anti-T4-A Antibody; anti-SERPINB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SERPINB3/SCCA-1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SERPINB3 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human SERPINB3/SCCA-1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human SERPINB3/SCCA-1 (rh SERPINB3/SCCA-1). SERPINB3/SCCA-1 specific IgG was purified by Human SERPINB3/SCCA-1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
SERPINB3 was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate, 0.5 uL anti-SERPINB3 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-SERPINB3 rabbit polyclonal antibody, at 1:500 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 43 kDa. Observed band size: 43 kDa.



WB (Western Blot)
Anti-SERPINB3(2-390) rabbit polyclonal antibody at 1:500 dilution. Lane A: A431 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 45 kDa. Observed band size: 42 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB3 antibody	SERPINB3, also known as SCCA-1, belongs to the serpin family. Serpins are a group of proteins with similar structures that were first identified as a set of proteins able to inhibit proteases. The acronym serpin was originally coined because many serpins inhibit chymotrypsin-like serine proteases. SERPINB3 is expressed in some hepatocellular carcinoma (at protein level). Its expression is closely related to cellular differentiation in both normal and malignant squamous cells. It seems to also be secreted in plasma by cancerous cells but at a low level. SERPINB3 significantly attenuates apoptosis by contrasting cytochrome c release from the mitochondria and by antichemotactic effect for NK cells. It may act as a protease inhibitor to modulate the host immune response against tumor cells and may be involved in the malignant behavior of squamous cell carcinoma cells.
Product Categories/Family for anti-SERPINB3 antibody	Serine Proteases and Regulators
References	Schneider SS, et al. (1995) A serine proteinase inhibitor locus at 18q21.3 contains a tandem duplication of the human squamous cell carcinoma antigen gene. Proc Natl Acad Sci. 92(8):3147-51. Suminami Y, et al.. (1992) Squamous cell carcinoma antigen is a new member of the serine protease inhibitors. Biochem Biophys Res Commun. 181(1):51-8. Mino-Miyagawa N, et al. (1990) Tumor-antigen 4. Its immunohistochemical distribution and tissue and serum concentrations in squamous cell carcinoma of the lung and esophagus. Cancer. 66(7):1505-12.

NCBI AND UNIPROT INFORMATION

NCBI GI #	239552
NCBI GeneID	6317
UniProt Accession #	P29508; Q53H28; Q53YB5; Q86VF3; Q86W04; Q8IWL4; Q8IXI3; Q96J21; Q9BYF8; A6NDM2; B2RBT5; B3W5Y6
Molecular Weight	38,550 Da
NCBI Official Full Name	squamous cell carcinoma antigen
NCBI Official Synonym Full Names	serpin family B member 3
NCBI Official Symbol	SERPINB3
NCBI Official Synonym Symbols	SCC; T4-A; SCCA1; SSSCA1; 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
UniProt Entry Name	SPB3_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/serpinb3-antibody-immunoprecipitation-western-blot-elisa/255655>