

**SPB3 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6579a****Specification**

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**SPB3 Antibody (N-term) - Product Information**

Application	FC, IHC-P, WB,E
Primary Accession	<a href="#">P29508</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44565
Antigen Region	40-69

**SPB3 Antibody (N-term) - Additional Information****Gene ID** 6317**Other Names**

Serp1n B3, Protein T4-A, Squamous cell carcinoma antigen 1, SCCA-1, SERPINB3, SCCA, SCCA1

**Target/Specificity**

This SPB3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-69 amino acids from the N-terminal region of human SPB3.

**Dilution**

FC~~1:10~50

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SPB3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SPB3 Antibody (N-term) - Protein Information****Name** SERPINB3

**Synonyms** SCCA, SCCA1

**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 NH(2)-terminal kinase (JNK1).

**Cellular Location**

Cytoplasm. Note=Seems to also be secreted in plasma by cancerous cells but at a low level

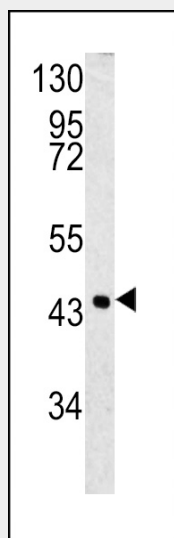
**Tissue Location**

Squamous cells. Expressed in some hepatocellular carcinoma (at protein level).

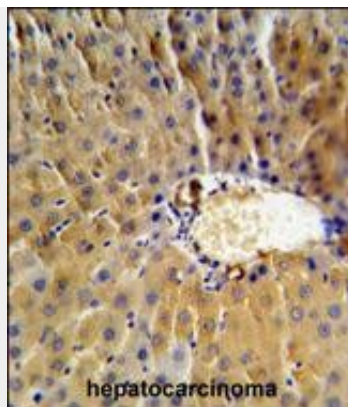
**SPB3 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

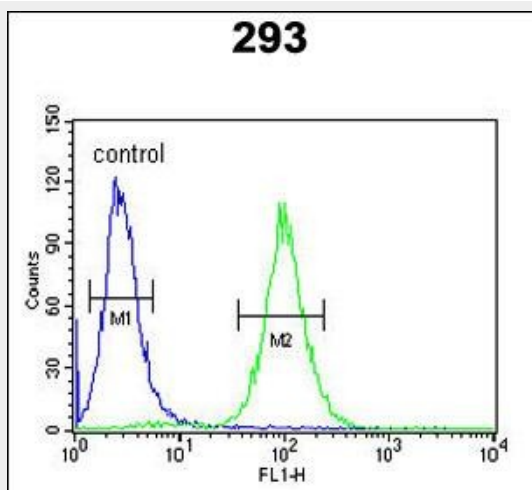
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**SPB3 Antibody (N-term) - Images**

Western blot analysis of SPB3 antibody (N-term) (Cat. #AP6579a) in 293 cell line lysates (35ug/lane). SPB3 (arrow) was detected using the purified Pab.



SPB3 Antibody (N-term) (Cat. #AP6579a) IHC analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SPB3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



SPB3 Antibody (N-term) (Cat. #AP6579a) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **SPB3 Antibody (N-term) - Background**

SPB3 may act as a protease inhibitor to modulate the host immune response against tumor cells.

#### **SPB3 Antibody (N-term) - References**

- Turato, C., Dig Liver Dis 41 (3), 212-216 (2009)  
 Ahmed, S.T., Biochem. Biophys. Res. Commun. 378 (4), 821-825 (2009)