

**SSCA1/SerpinB3 polyclonal antibody**

Catalog: BS7581

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

Serpin B3, also known as squamous cell carcinoma antigen-1 (SSCA-1), is a member of the serpin superfamily of serine protease inhibitors. Serpin B3 belongs to the subgroup ovalbumin-related serpins which are involved in the regulation of apoptosis, inflammation, angiogenesis and embryogenesis. It may act as a papain-like cysteine protease inhibitor to modulate the host immune response against tumor cells. It also functions as an inhibitor of UV-induced apoptosis via suppression of the activity of c-Jun NH(2)-terminal kinase (JNK1).

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

45KDa

**Swiss-Prot:**

P29508

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

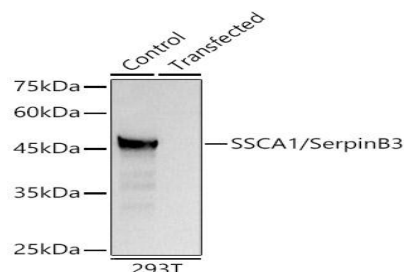
WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200

**Storage&Stability:**

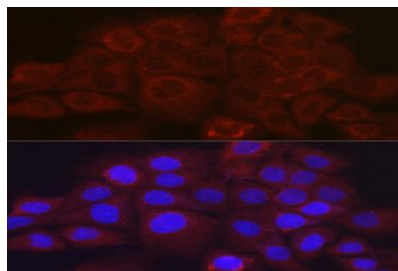
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Category:**

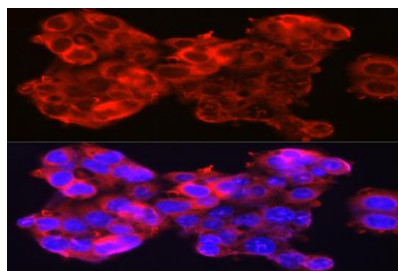
Polyclonal Antibodies

**DATA:**

Western blot analysis of 293T, using SSCA1/SerpinB3 antibody at 1:1020 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunofluorescence analysis of A431 cells using SSCA1/SerpinB3 Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HepG2 cells using SSCA1/SerpinB3 Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.

**Note:**

For research use only, not for use in diagnostic procedure.

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