Product name: Anti-SerpinB3/SCCA antibody

Description: Rabbit polyclonal to SerpinB3/SCCA

Host species: Rabbit

Tested applications: Suitable for: WB, IHC-P, ICC/IF

Species reactivity: Reacts with: Human

Immunogen: Recombinant fragment corresponding to Human SerpinB3/SCCA aa 89-359. Database link: P29508

Positive control: A549, HepG2 and HCT116 cell lysates; Human hepatoma tissue; A549 cells.

General notes: Protein previously labeled as SerpinB3.

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer: pH: 7.00
Preservative: 0.01% Thimerosal (merthiolate)
Constituents: 0.75% Glycine, 1.21% Tris, 20% Glycerol

Purity: Immunogen affinity purified

Clonality: Polyclonal

Isotype: IgG

Applications:

Our Abpromise guarantee covers the use of ab154971 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>1/500 - 1/3000. Predicted molecular weight: 45 kDa.</td>
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</tbody>
</table>
Function
May act as a protease inhibitor to modulate the host immune response against tumor cells.

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

Sequence similarities
Belongs to the serpin family. Ov-serpin subfamily.

Developmental stage
Its expression is closely related to cellular differentiation in both normal and malignant squamous cells.

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

Application | Abreviews | Notes
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IHC-P | 1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol using 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0). |

ICC/IF | 1/100 - 1/1000. |

Target

Function
May act as a protease inhibitor to modulate the host immune response against tumor cells.

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Images

Western blot - Anti-SerpinB3/SCCA antibody (ab154971) at 1/3000 dilution + HCT116 whole cell lysate at 30 µg

**Predicted band size:** 45 kDa

10% SDS PAGE
Immunohistochemical analysis of paraffin-embedded Human hepatoma tissue labeling SerpinB3/SCCA with ab154971 at 1/500 dilution.

Immunofluorescent analysis of methanol-fixed A549 cells labeling SerpinB3/SCCA with ab154971 at 1/500 dilution. Lower panel co-stained with Hoechst 33342.

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