



SCCA1/2 Polyclonal Antibody

Catalog No	YP-Ab-04327
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	SERPINB3/SERPINB4
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human SERPINB3/4. AA range:111-160
Specificity	SCCA1/2 Polyclonal Antibody detects endogenous levels of SCCA1/2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SERPINB3/4;SERPINB3;Serp B3;SCCA-1;Protein T4-A;SCCA1/2;SERPINB3/SERPINB4;Serp B3/Serp B4;SCCA;SCCA1;Squamous cell carcinoma antigen 1
Observed Band	45kD
Calculated Molecular Weight	45kD
Cell Pathway	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).
Function	developmental stage:Its expression is closely related to cellular differentiation in both normal and malignant squamous cells.,function:May act as a protease inhibitor to modulate the host immune response against tumor cells.,similarity:Belongs to the serpin family.,similarity:Belongs to the serpin family. Ov-serpin subfamily.,subcellular location: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).,

**Background**

developmental stage:Its expression is closely related to cellular differentiation in both normal and malignant squamous cells.,function:May act as a protease inhibitor to modulate the host immune response against tumor cells.,similarity:Belongs to the serpin family.,similarity:Belongs to the serpin family. Ov-serpin subfamily.,subcellular location: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).,

matters needing attention

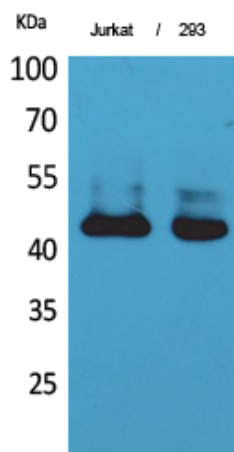
Avoid repeated freezing and thawing!

Usage suggestions

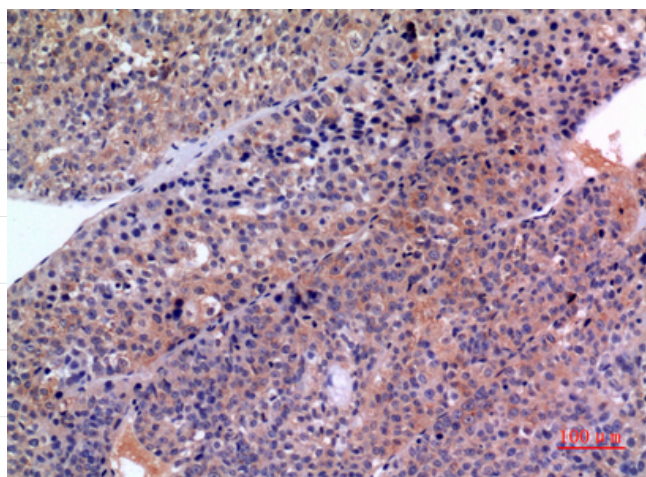
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



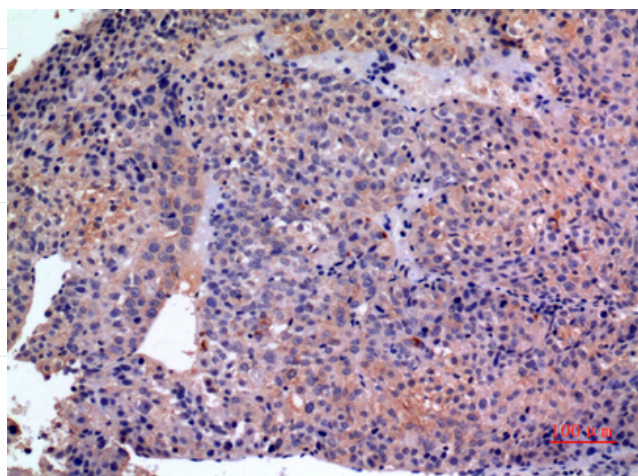
Products Images



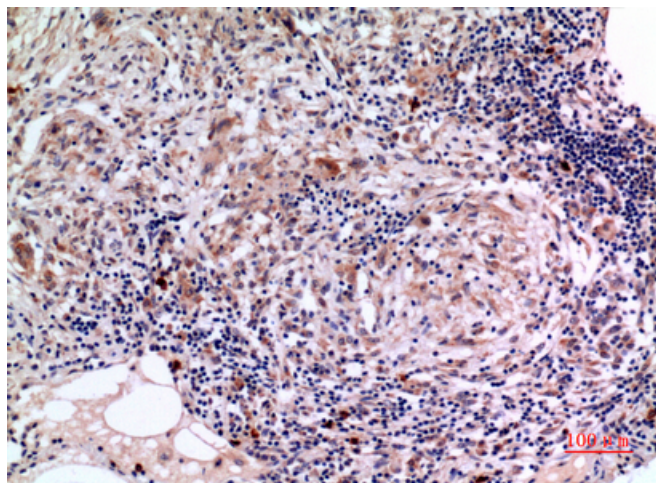
Western Blot analysis of Jurkat, 293 cells using SCCA1/2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



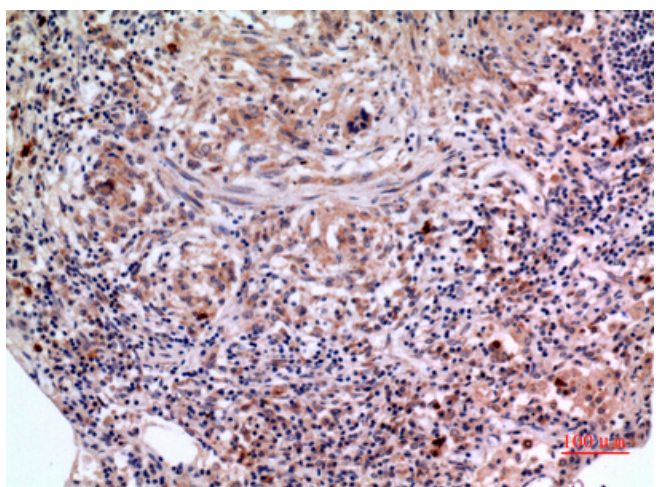
Immunohistochemical analysis of paraffin-embedded human-liver-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100