



# SCCA2 rabbit pAb

Cat No.:ES3411

For research use only

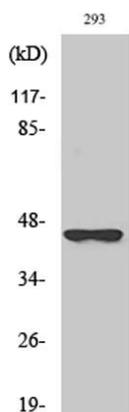
## Overview

<b>Product Name</b>	SCCA2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA;IHC
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SERPINB4. AA range:261-310
<b>Specificity</b>	SCCA2 Polyclonal Antibody detects endogenous levels of SCCA2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Serpin B4
<b>Gene Name</b>	SERPINB4
<b>Cellular localization</b>	Cytoplasm . Seems to also be secreted in plasma by cancerous cells but at a low level.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	45kD
<b>Human Gene ID</b>	6318
<b>Human Swiss-Prot Number</b>	P48594
<b>Alternative Names</b>	SERPINB4; PI11; SCCA2; Serpin B4; Leupin; Peptidase inhibitor 11; PI-11; Squamous cell carcinoma antigen 2; SCCA-2
<b>Background</b>	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

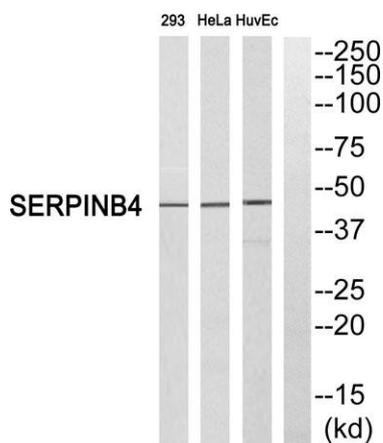




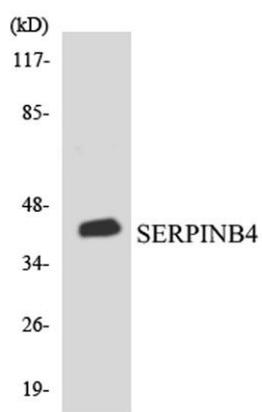
also be secreted in plasma by cancerous cells but at a low level.,tissue specificity:Squamous cells.,



Western Blot analysis of various cells using SCCA2 Polyclonal Antibody



Western blot analysis of SERPINB4 Antibody. The lane on the right is blocked with the SERPINB4 peptide.

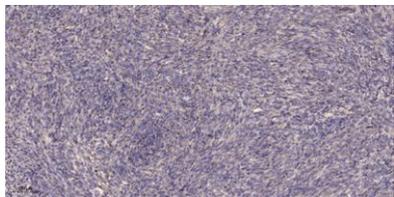


Western blot analysis of the lysates from COLO205 cells using SERPINB4 antibody.





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Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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