



# Maspin Polyclonal Antibody

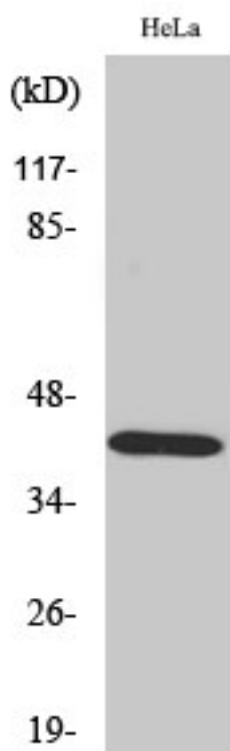
<b>Catalog No</b>	YP-Ab-00441
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	SERPINB5
<b>Protein Name</b>	Serpin B5
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Serpin B5. AA range:91-140
<b>Specificity</b>	Maspin Polyclonal Antibody detects endogenous levels of Maspin protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	SERPINB5; PI5; Serpin B5; Maspin; Peptidase inhibitor 5; PI-5
<b>Observed Band</b>	40kD
<b>Cell Pathway</b>	Secreted, extracellular space.
<b>Tissue Specificity</b>	Normal mammary epithelial cells.
<b>Function</b>	function:Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.,similarity:Belongs to the serpin family. Ov-serpin subfamily.,tissue specificity:Normal mammary epithelial cells.,
<b>Background</b>	function:Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.,similarity:Belongs to the serpin family. Ov-serpin subfamily.,tissue specificity:Normal mammary epithelial cells.,
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



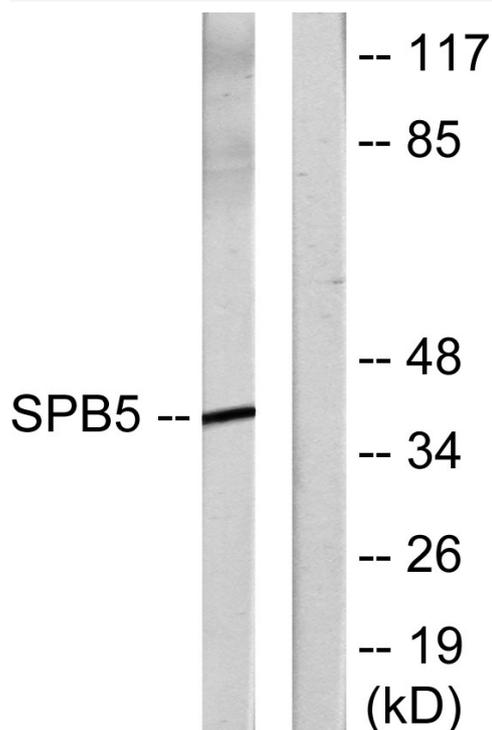
Usage suggestions

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

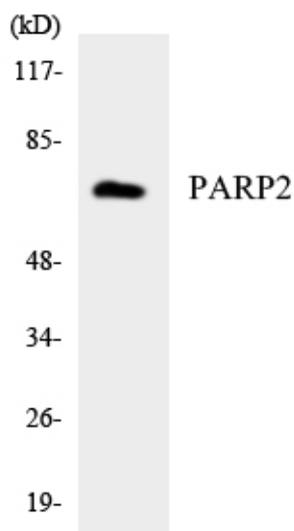
Products Images



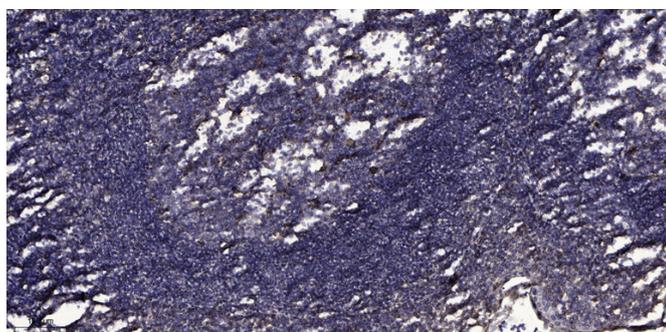
Western Blot analysis of various cells using Maspin Polyclonal Antibody



Western blot analysis of lysates from HeLa cells, using Serpin B5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using PARP2 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 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, 30min).