

Maspin rabbit pAb

Cat#: orb765623 (Manual)

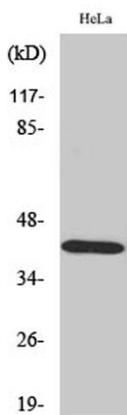
For research use only. Not intended for diagnostic use.

Product Name	Maspin rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	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.
Immunogen	The antiserum was produced against synthesized peptide derived from human Serpin B5. AA range:91-140
Specificity	Maspin Polyclonal Antibody detects endogenous levels of Maspin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Serpin B5
Gene Name	SERPINB5
Cellular localization	Secreted, extracellular space.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

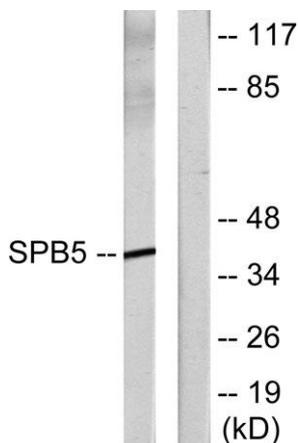
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	5268
Human Swiss-Prot Number	P36952
Alternative Names	SERPINB5; PI5; Serpin B5; Maspin; Peptidase inhibitor 5; PI-5

Background

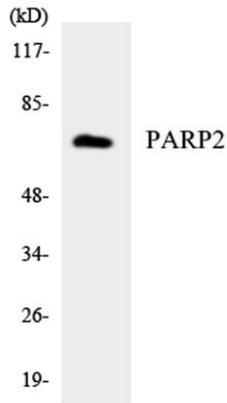
function:Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.,similarity:Belongs to the serpin family. Ov-serpin subfamily.,tissue specificity:Normal mammary epithelial cells.,



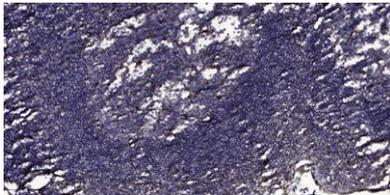
Western Blot analysis of various cells using Maspin Polyclonal Antibody



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).