



PI-9 rabbit pAb

Cat No.:ES3202

For research use only

Overview

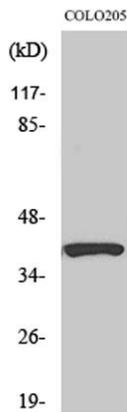
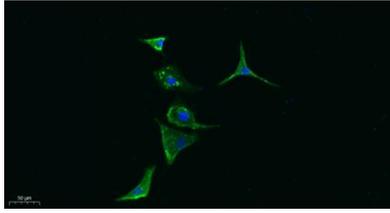
Product Name	PI-9 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. IF 1:100-300 Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SERPINB9. AA range:241-290
Specificity	PI-9 Polyclonal Antibody detects endogenous levels of PI-9 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 B9
Gene Name	SERPINB9
Cellular localization	Cytoplasm.
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	5272
Human Swiss-Prot Number	P50453
Alternative Names	SERPINB9; PI9; Serpin B9; Cytoplasmic antiproteinase 3; CAP-3; CAP3; Peptidase inhibitor 9; PI-9
Background	This gene encodes a member of the serine protease inhibitor family which are also known as serpins. The encoded protein belongs to a subfamily of intracellular serpins. This protein inhibits the activity





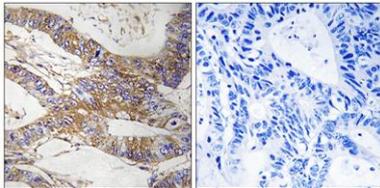
of the effector molecule granzyme B. Overexpression of this protein may prevent cytotoxic T-lymphocytes from eliminating certain tumor cells. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Mar 2012],

Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



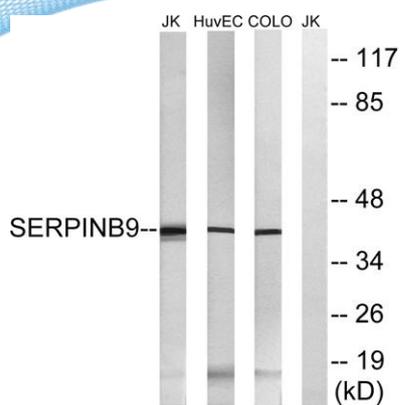
Western Blot analysis of various cells using PI-9 Polyclonal Antibody diluted at 1:1000

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using SERPINB9 Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from COLO, HUVEC, and Jurkat cells, using SERPINB9 Antibody. The lane on the right is blocked with the synthesized peptide.



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