

PI-9 Polyclonal Antibody

Catalog No :	YT3716
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	PI-9
Fields :	>>Amoebiasis
Gene Name :	SERPINB9
Protein Name :	Serpin B9
Human Gene Id :	5272
Human Swiss Prot No :	P50453
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000. IF 1:100-300 Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	40kD

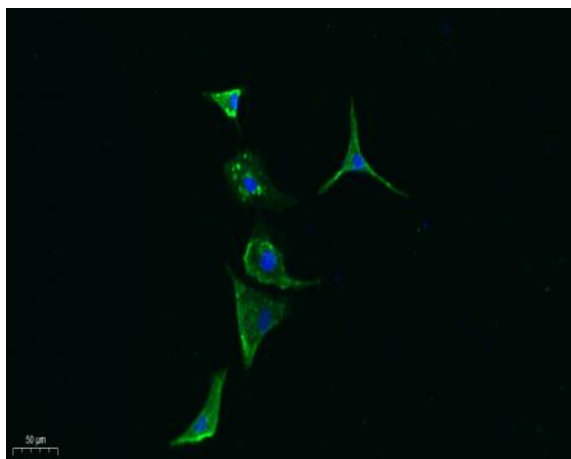
Background : This gene encodes a member of the serine protease inhibitor family which are also known as serpins. The encoded protein belongs to a subfamily of intracellular serpins. This protein inhibits the activity of the effector molecule granzyme B. Overexpression of this protein may prevent cytotoxic T-lymphocytes from eliminating certain tumor cells. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Mar 2012],

Function : function:Granzyme B inhibitor.,similarity:Belongs to the serpin family.,similarity:Belongs to the serpin family. Ov-serpin subfamily.,

Subcellular Location : Cytoplasm.

Expression : Bone marrow,Human esophagus tumor,Placenta,Testis,

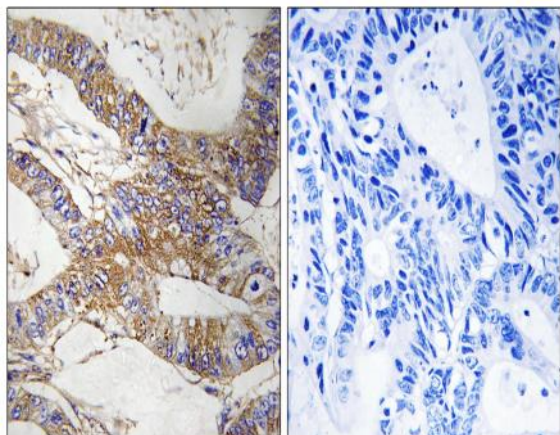
Products Images



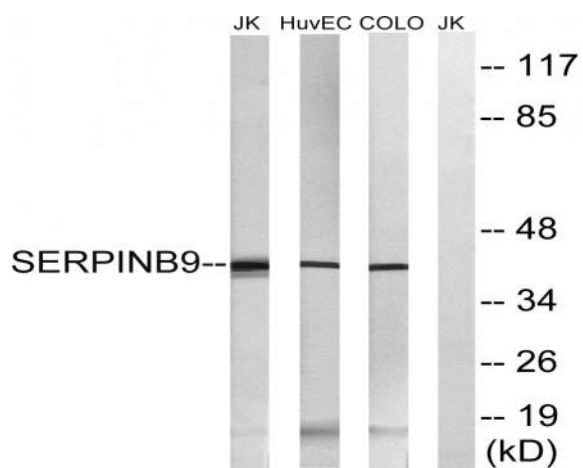
Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



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.



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.