

Kallistatin Polyclonal Antibody

Catalog No :	YT5216
Reactivity :	Human
Applications :	WB;IHC;IF;ELISA
Target :	Kallistatin
Gene Name :	SERPINA4
Protein Name :	Kallistatin
Human Gene Id :	5267
Human Swiss Prot No :	P29622
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human SERPINA4. AA range:161-210
Specificity :	Kallistatin Polyclonal Antibody detects endogenous levels of Kallistatin 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 1:50-200
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 :	47kD
Background :	function:Inhibits human amidolytic and kininogenase activities of tissue kallikrein. Inhibition is achieved by formation of an equimolar, heat- and SDS-

stable complex between the inhibitor and the enzyme, and generation of a small C-terminal fragment of the inhibitor due to cleavage at the reactive site by tissue kallikrein.,miscellaneous:Heparin blocks kallistatin's complex formation with tissue kallikrein and abolishes its inhibitory effect on tissue kallikrein's activity.,PTM:The N-terminus is blocked.,similarity:Belongs to the serpin family.,subunit:Monomer and some homodimers.,tissue specificity:Expressed by the liver and secreted in plasma.,

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Subcellular Location :

Secreted.

Expression :

Expressed by the liver and secreted in plasma.

Sort :

8835

No4 :

1

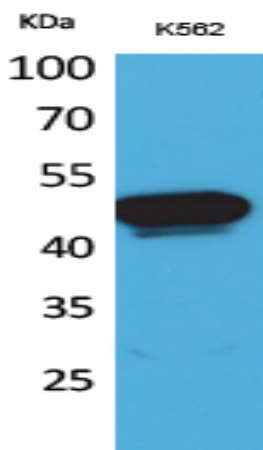
Host :

Rabbit

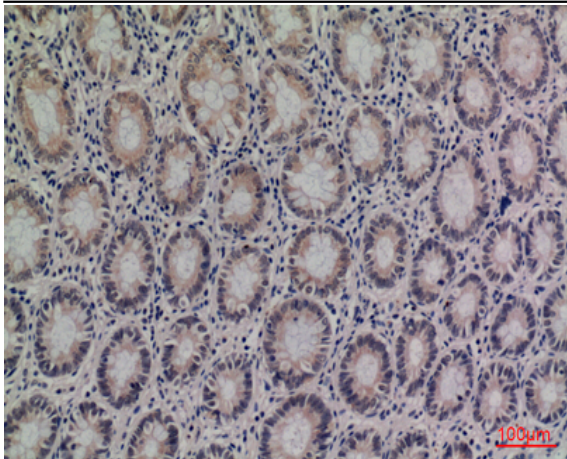
Modifications :

Unmodified

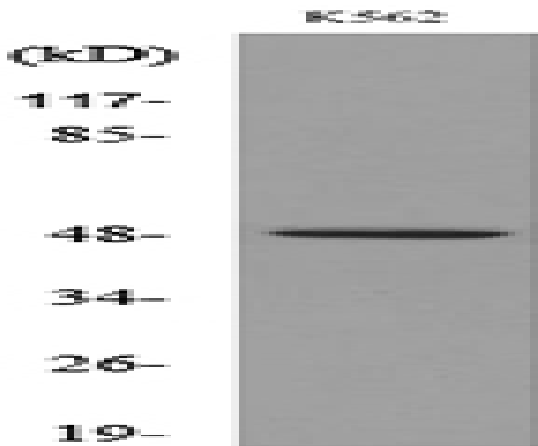
Products Images



Western Blot analysis of K562 cells using Kallistatin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



Western blot analysis of lysate from K562 cells, using SERPINA4 Antibody.