

## Kallistatin Polyclonal Antibody

Cat No: HR1AP5057

For research use only

### Overview

Product Name	Kallistatin Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	47kDa
GeneID?Human?	SERPINA4
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	SERPINA4; KST; PI4; Kallistatin; Kallikrein inhibitor; Peptidase inhibitor 4; PI-4; Serpin A4
Background	<p>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.,</p>