

## Kallistatin rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A16599	Rabbit	1 mg/ml	46970
<b>Applications</b>	WB,IHC,ELISA		
<b>Reactivity</b>	Human		
<b>Dilution</b>	WB: 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000. Not yet tested in other applications.		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	Kallistatin Polyclonal Antibody detects endogenous levels of Kallistatin protein.		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human SERPINA4. AA range:161-210		
<b>Uniprot No</b>	P29622		
<b>Alternative names</b>	SERPINA4; KST; PI4; Kallistatin; Kallikrein inhibitor; Peptidase inhibitor 4; PI-4; Serpin A4		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	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.,		
<b>Other</b>	SERPINA4, Kallistatin		
<b>Product Images:</b>			

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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