

PZP Polyclonal Antibody

Cat No: HR1AP12504

For research use only

Overview

Product Name	PZP Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	163kDa
GeneID?Human?	PZP CPAMD6
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>function:Is able to inhibit all four classes of proteinases by a unique 'trapping' mechanism. This protein has a peptide stretch, called the 'bait region' which contains specific cleavage sites for different proteinases. When a proteinase cleaves the bait region, a conformational change is induced in the protein which traps the proteinase. The entrapped enzyme remains active against low molecular weight substrates (activity against high molecular weight substrates is greatly reduced). Following cleavage in the bait region a thioester bond is hydrolyzed and mediates the covalent binding of the protein to the proteinase.,similarity:Belongs to the protease inhibitor I39 (alpha-2-macroglobulin) family.,subunit:Homotetramer, which consists of two pairs of disulfide-linked chains.,tissue specificity:Plasma. Prominent constituent of late-pregnancy sera.,</p>