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Anti-PZP Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18196

Product Information

Application	WB, IHC-P, E
Primary Accession	P20742
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	163863

Additional Information

Gene ID	5858
Alias Symbol	PZP
Other Names	PZP, CPAMD6, Pregnancy-zone protein, Pregnancy zone protein
Target/Specificity	Human PZP
Reconstitution & Storage	Caprylic acid and ammonium sulfate precipitation
Precautions	Anti-PZP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PZP
Synonyms	CPAMD6
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.
Cellular Location	Secreted.
Tissue Location	Plasma. Prominent constituent of late-pregnancy sera

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.