

PZP Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13427
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 1301-1350
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Pregnancy zone protein
Synonyms	Pregnancy zone protein ;C3 and PZP-like alpha-2-macroglobulin domain-containing protein 6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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