

PZP Polyclonal Antibody

Catalog No.	A3324	Category	Polyclonal Antibodies
Applications	WB	Observed MW	164kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	140kDa/163kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 620-740 of human PZP (NP_002855.2).
Gene ID	5858
Swiss prot	P20742
Synonyms	PZP; CPAMD6; pregnancy zone protein

Product information

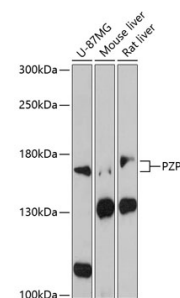
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

The protein encoded by this gene is highly expressed in late-pregnancy serum and is similar in structure to alpha-2-macroglobulin. The encoded protein, which acts as a homotetramer, inhibits the activity of all four classes of proteinases. This protein contains cleavage sites for several proteinases. Upon binding of a proteinase, the conformation of this protein changes to trap the proteinase, limiting its activity. This protein appears to be elevated in the sera of presymptomatic Alzheimer's disease patients.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - PZP Polyclonal Antibody (A3324)