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Datasheet for ABIN6220213
anti-PZP antibody (AA 620-740)

2 Images

Overview

Quantity:	20 µL
Target:	PZP
Binding Specificity:	AA 620-740
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PZP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 620-740 of human PZP (NP_002855.2).
Sequence:	VKDLTNFPDN VDQEEEEQGH CPRPFFIHNG AIYVPLSSNE ADIYSFLKGM GLKVFTNSKI RKPKSCSVIP SVSAGAVGQG YYGAGLGVVE RPYVPLGTY NVIPLNNEQS SGPVPETVRS Y
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PZP
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Target Details

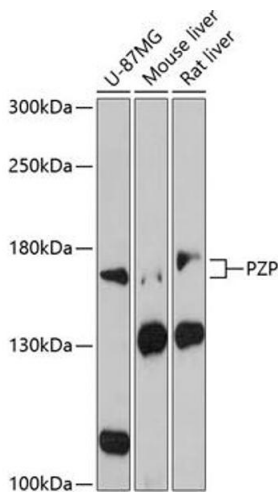
Alternative Name:	PZP (PZP Products)
Background:	The protein encoded by this gene is highly expressed in late-pregnancy serum and is similar in structure to alpha-2-macroglobulin. The encoded protein, which acts as a homotetramer, inhibits the activity of all four classes of proteinases. This protein 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.,PZP,CPAMD6,Cell Biology & Developmental Biology,Cell Adhesion,Immunology & Inflammation,Cell Intrinsic Innate Immunity Signaling Pathway,Neuroscience,Cell Type Marker,Neuron marker,Synapse marker,PZP
Molecular Weight:	140 kDa/163 kDa
Gene ID:	5858
UniProt:	P20742

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

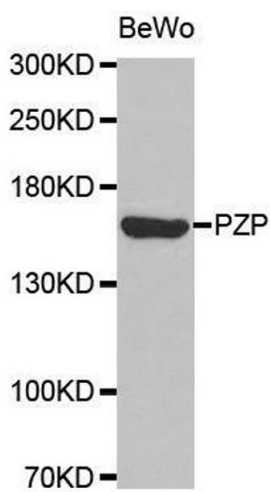
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PZP antibody (ABIN1682416, ABIN3017699, ABIN3017700 and ABIN6220213) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Western Blotting

Image 2. Western blot analysis of extracts of BeWo cell line, using PZP antibody.