

## Rabbit Anti-PXN Polyclonal Antibody

CPB-653RH Rabbit(PXN)  
Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Anti-PXN Polyclonal Antibody
<b>Antigen Description</b>	Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion).
<b>specificity</b>	The antibody detects endogenous level of Paxillin only when phosphorylated at tyrosine 118.
<b>Target</b>	PXN
<b>Immunogen</b>	Peptide sequence around phosphorylation site of tyrosine 118(H-V-Y(p)-S-F) derived from Human Paxillin.
<b>Host</b>	Rabbit
<b>Species</b>	Human
<b>Cross Reactivity</b>	Human; Mouse; Rat
<b>conjugation</b>	N/A
<b>Applications</b>	WB,IHC

### PACKAGING

<b>Format</b>	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at -20°C /1 year

### ANTIGEN GENE INFORMATION

<b>Gene Name</b>	<a href="#">PXN paxillin [ Homo sapiens ]</a>
<b>Official Symbol</b>	PXN
<b>Synonyms</b>	PXN; paxillin; FLJ16691;
<b>GeneID</b>	<a href="#">5829</a>
<b>mRNA Refseq</b>	<a href="#">NM_001080855</a>
<b>Protein Refseq</b>	<a href="#">NP_001074324</a>
<b>MIM</b>	<a href="#">602505</a>
<b>UniProt ID</b>	P49023
<b>Chromosome Location</b>	12q24
<b>Pathway</b>	Androgen Receptor Signaling Pathway, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Arf6 signaling events, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Cell junction organization, organism-specific biosystem;

**Function**

BH4 domain binding; beta-catenin binding; metal ion binding; protein binding; vinculin binding; zinc ion binding;