

Product Data Sheet

PKN1/2 (pT774/816) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP5781	Synthetic	H, M, R, B	BL
Description	The peptide is used to block Anti-PKN1/2 (pT774/816) Antibody (#CPA5781) reactivity.		
Form	Lyophilized powder		
Gene Symbol	PKN1; PKN2		
Alternative Names	PKN1; PAK1; PKN; PRK1; PRKCL1; Serine/threonine-protein kinase N1; Protease-activated kinase 1; PAK-1; Protein kinase C-like 1; Protein kinase C-like PKN; Protein kinase PKN-alpha; Protein-kinase C-related kinase 1; Serine-threonine protein kinase N; PKN2		
Entrez Gene	5585, 5586 (Human); 320795, 109333 (Mouse); 29355 (Rat)		
SwissProt	Q16512, Q16513 (Human); P70268, Q8BWW9 (Mouse); Q63433, O08874 (Rat)		
Purity	>85%		
Quality Control	The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.		
Directions for Use	Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours.		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

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www.cohesionbio.com

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