

Product Data Sheet

PAK1/2/3 (pS144/141/139) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP4485	Synthetic	H, M, R	BL
Description	The peptide is used to block Anti-PAK1/2/3 (pS144/141/139) Antibody (#CPA4485) reactivity.		
Form	Lyophilized powder		
Gene Symbol	PAK1; PAK2; PAK3		
Alternative Names	PAK1; Serine/threonine-protein kinase PAK 1; Alpha-PAK; p21-activated kinase 1; PAK-1; p65-PAK; PAK2; Serine/threonine-protein kinase PAK 2; Gamma-PAK; PAK65; S6/H4 kinase; p21-activated kinase 2; PAK-2; p58; PAK3; OPHN3; Serine/threonine-protein kinase P		
Entrez Gene	5058, 5062, 5063 (Human); 224105, 18481 (Mouse); 29431, 100910732, 29433 (Rat)		
SwissProt	Q13153, Q13177, O75914 (Human); O88643, Q8CIN4, Q61036 (Mouse); P35465, Q64303, Q62829 (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

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