

RAC1/2/3 (pS71) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP6039	Synthetic	H, M, R	BL
Description	The peptide is used to block Anti-RAC1/2/3 (pS71) Antibody (#CPA6039) reactivity.		
Form	Lyophilized powder		
Gene Symbol	RAC1; RAC2; RAC3		
Alternative Names	RAC1; TC25; MIG5; Ras-related C3 botulinum toxin substrate 1; Cell migration-inducing gene 5 protein; Ras-like protein TC25; p21-Rac1; RAC2; Ras-related C3 botulinum toxin substrate 2; GX; Small G protein; p21-Rac2; RAC3; Ras-related C3 botulinum toxin su		
Entrez Gene	5879, 5880, 5881, 998 (Human); 19353, 19354, 170758, 12540 (Mouse); 363875, 64465 (Rat)		
SwissProt	P63000, P15153, P60763 (Human); P63001, Q05144, P60764, P60766 (Mouse); Q6RUV5, Q8CFN2 (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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