

Product Data Sheet

AKT Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP3480	Synthetic	H, M, R, B, S, Z	BL
Description	The peptide is used to block Anti-AKT Antibody (#CPA3480) reactivity.		
Form	Lyophilized powder		
Gene Symbol	AKT1; AKT2; AKT3		
Alternative Names	AKT1; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; PKB; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha; AKT2; RAC-beta serine/threonine-protein kinase; Protein kinase Akt-2; Protein kinase B beta; PKB beta;		
Entrez Gene	207; 208; 10000 (Human); 11651; 11652; 23797 (Mouse); 24185; 25233; 29414 (Rat)		
SwissProt	P31749; P31751; Q9Y243 (Human); P31750; Q60823; Q9WUA6 (Mouse); P47196; P47197; Q63484 (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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