

Product Data Sheet

AKT (pY315) Blocking Peptide

| Catalog # | Source | Reactivity | Applications |
|---------------------------|--|------------------|--------------|
| CBP1033 | Synthetic | H, M, R, B, C, Z | BL |
| Description | The peptide is used to block Anti-AKT (pY315) Antibody (#CPA1033) 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; RAC-PK-beta; AKT3; PKBG; RAC-gamma serine/threonine-protein kinase; Protein kinase Akt-3; Protein kinase B gamma; PKB gamma; RAC-PK-gamma; STK-2 | | |
| 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

COHESION BIOSCIENCES LIMITED

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www.cohesionbio.com

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