

AMPK alpha 1/2 (pT183/172) Blocking Peptide

| Catalog # | Source | Reactivity | Applications |
|-----------|-----------|---------------|--------------|
| CBP3488 | Synthetic | H, M, R, C, P | BL |

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|---------------------------|---|
| Description | The peptide is used to block Anti-AMPK alpha 1/2 (pT183/172) Antibody (#CPA3488) reactivity. |
| Form | Lyophilized powder |
| Gene Symbol | PRKAA1; PRKAA2 |
| Alternative Names | PRKAA1; AMPK1; 5'-AMP-activated protein kinase catalytic subunit alpha-1; AMPK subunit alpha-1; Acetyl-CoA carboxylase kinase; ACACA kinase; Hydroxymethylglutaryl-CoA reductase kinase; HMGCR kinase; Tau-protein kinase PRKAA1; PRKAA2; AMPK; AMPK2; 5'-AMP-a |
| Entrez Gene | 5562; 5563 (Human); 105787; 108079 (Mouse); 65248; 78975 (Rat) |
| SwissProt | Q13131; P54646 (Human); Q5EG47; Q8BRK8 (Mouse); P54645; Q09137 (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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