



CaMKII(Phospho-Thr286)Antibody Blocking Peptide

#51287

Catalog Number: 51287

Amount: 100µg/100µl

Form of Peptide: Peptide in 10 mM phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.1 mM EDTA, 1 mg/ml BSA, 5% DMF and 5% glycerol.

Peptide Information: The synthesized phosphopeptide was derived from human CaMKII around the phosphorylation site of threonine 286 (Q-E-T^P-V-D).

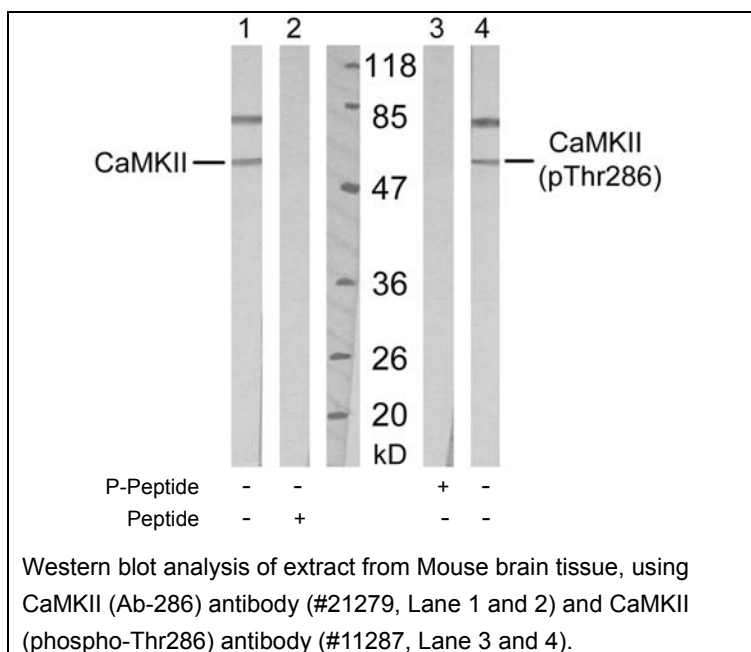
Storage: Store at -20°C.

Quality Control: The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.

Specificity: The peptide specifically blocks the signal of CaMKII (phospho-Thr286) antibody (#11287) completely in Western blotting.

Applications: For Western blotting: add 10 µl of antibody and 10 µl of blocking peptide to 10 ml of antibody dilution buffer, and incubate at 4°C over night or at room temperature for 2 hours before allowing to react with the blot.

References: Pak JH, et al. Proc Natl Acad Sci U S A. 2000 Oct 10; 97(21): 11232-11237
Hudmon A, et al. J Cell Biol. Author manuscript; available in PMC 2006 May 7
Miller P, et al. PLoS Biol. 2005 Apr; 3(4): e107
Runyan JD, et al. Learn Mem. 2005 Mar; 12(2): 103-110.



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