

CASK (N-term) Control Peptide

Alternate names:	Calcium/calmodulin-dependent serine protein kinase, LIN2, Lin-2 homolog, Peripheral plasma membrane protein CASK
Catalog No.:	AP55443CP-N
Quantity:	50 µg
Concentration:	0.2 mg/ml
Uniprot ID:	O14936
NCBI:	NP_003679
GeneID:	8573
Format:	State: Liquid peptide Buffer System: PBS pH 7.2 (10 mM NaH ₂ PO ₄ , 10 mM Na ₂ HPO ₄ , 130 mM NaCl) containing 0.1% BSA and 0.02% Sodium azide
Applications:	The peptide is used for blocking the activity of CASK antibody Cat.-No. AP55443PU-N. It usually blocks the antibody activity completely in Western blot by incubating the peptide with equal volume of antibody for 30 min at 37°C. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Control peptide for AP55443PU-N. Peptide containing 16 amino acid peptide near the amino terminus of human CASK. Species: Human Other species not tested.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Dimitratos SD, Woods DF, and Bryant PJ. Camguk, Lin-2, and CASK: novel membrane associated guanylate kinase homologs that also contain CaM kinase domains. Mech. Dev. 1997; 63:127-30.

Pictures:

Western blot analysis in mouse brain tissue lysate with CASK antibody Cat.-No. AP55443PU-Nat 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.

