

### CaMKII peptide ab188554

描述	
产品名称	CaMKII多肽
纯度	> 99 % HPLC.
无动物成分	No
性质	Synthetic
序列	ALRRQETVDAL
额外的序列信息	Peptide sequence based on the autophosphorylation site (amino acid 283-290) on CaMKII alpha.

技术指标	
Our <b><u>Abpromise guarantee</u></b> covers the use of <b>ab188554</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	HPLC Functional Studies
形式	Lyophilized
补充说明	ab188554 (CaMKII peptide) can be utilized as a substrate for the following active protein kinases:

**ab51398** (Active mouse CaMKI full length protein)  
**ab60891** (Active human PNCK full length protein)  
**ab60898** (Active human CAMK 1D beta full length protein)  
**ab51400** (Active human CaMKI gamma protein fragment)  
**ab60899** (Active human CaMKII alpha full length protein)  
**ab84552** (Active human CaMKII delta full length protein)  
**ab63189** (Active human CamKII gamma protein fragment)  
**ab60756** (Human CAMKV full length protein)  
**ab101777** (Active human DCAMKL1 full length protein)

制备和贮存	
稳定性和存储	Shipped at 4°C. Store at -20°C.
复溶	Dilute peptide in distilled water to a final concentration of 1 mg/ml. For optimal storage, aliquot

diluted product into smaller quantities and store at recommended temperature.

## 常规信息

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功能	CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release. Member of the NMDAR signaling complex in excitatory synapses it may regulate NMDAR-dependent potentiation of the AMPAR and synaptic plasticity.
序列相似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 1 protein kinase domain.
细胞定位	Cell junction > synapse > presynaptic cell membrane. Cell junction > synapse. Postsynaptic lipid rafts.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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