

AKT1 + PKN2 peptide substrate ab204873

描述

产品名称	AKT1 + PKN2多肽底物
纯度	> 96 % HPLC.
无动物成分	No
性质	Synthetic
序列	KTFCGTPEYLAPEVRREPRILSEEEQEMFRDFDYIADWC
额外的序列信息	The 39 amino acids of PDKtide peptide sequence is derived from two human proteins: residues 1-14 are based on AKT1 (307-320) and residues 16-39 are based on PKN2/PRK2 (961-984).
描述	AKT1 + PKN2多肽

技术指标

Our **Abpromise guarantee** covers the use of **ab204873** 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
补充说明	ab204873 (AKT1 + PKN2 peptide substrate) can be utilized as a substrate for the following active protein kinases: ab126914 (Active human CDC7 + DBF4 full length protein) ab70320 (Active human CDK9+CyclinK full length protein) ab60834 (Active human PDPK1 full length protein)

制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.
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常规信息

细胞定位	AKT1: Cytoplasm. Nucleus. Cell membrane. Nucleus after activation by integrin-linked protein
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kinase 1 (ILK1). Nuclear translocation is enhanced by interaction with TCL1A. Phosphorylation on Tyr-176 by TNK2 results in its localization to the cell membrane where it is targeted for further phosphorylations on Thr-308 and Ser-473 leading to its activation and the activated form translocates to the nucleus. PKN2: Cytoplasm.

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

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