

# Phospho-Chk1-S345 Rabbit pAb

货号: **B11425**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Human lung cancer cell , H460 , Homo sapiens , Mus musculus
应用	<a href="#">WB</a>
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	43kDa/50kDa/54kDa
实测分子量	54kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HT-29,HepG2,C6
细胞定位	Cytoplasm,Nucleus,centrosome,cytoskeleton,microtubule organizing center
纯化	Affinity purification

## 抗原信息

抗原信息	A synthetic phosphorylated peptide around S345 of human Chk1 (NP_001265.2).
序列	SFSQP

## 靶点信息

研究背景	The protein encoded by this gene belongs to the Ser/Thr protein kinase family. It is required for checkpoint mediated cell cycle arrest in response to DNA damage or the presence of unreplicated DNA. This protein acts to integrate signals from ATM and ATR, two cell cycle proteins involved in DNA damage responses, that also associate with chromatin in meiotic prophase I. Phosphorylation of CDC25A protein phosphatase by this protein is required for cells to delay cell cycle progression in response to double-strand DNA breaks. Several alternatively spliced transcript variants have been found for this gene.
基因ID	1111

基因名	CHEK1
Swiss	O14757
别名	CHEK1;CHK1

产品验证

实验步骤

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