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Phospho-Chk1 (S296) Rabbit mAb

货号: AYM30264

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	54kDa
实测分子量	54kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	K-562
细胞定位	centrosome,condensed nuclear chromosome,cytoplasm,cytosol,extracellular space,nucleoplasm,nucleus
纯化	Affinity purification

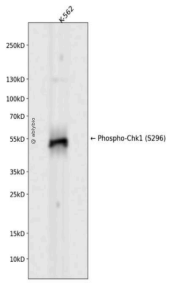
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Chk1 (S296).

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. [provided by RefSeq, Oct 2011]
基因ID	1111
基因名	CHEK1
Swiss	O14757 (https://www.uniprot.org/uniprotkb/O14757/entry)
别名	Phospho-Chk1 (S296),Phospho-Chk1 (S296) Rabbit mAb,CHEK1,CHK1 checkpoint homolog,Cell cycle checkpoint kinase,Checkpoint kinase-1,CHK1

产品验证



Western blot analysis of Phospho-Chk1 (S296) expressed in K-562 using Phospho-Chk1 (S296) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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