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Phospho-Chk2 (T68) Rabbit mAb

货号: AYM29025

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	**WB:** 1:500 - 1:2000 **IP:** 1:20 - 1:50
理论分子量	15-38kDa/50-65kDa
实测分子量	65kDa
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	Jurkat,Mouse liver,Rat thymus
细胞定位	Nucleus,Nucleus,PML body,nucleoplasm
纯化	Affinity purification

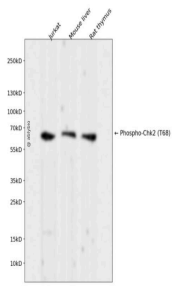
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Chk2 (T68).

靶点信息

研究背景	In response to DNA damage and replication blocks, cell cycle progression is halted through the control of critical cell cycle regulators. The protein encoded by this gene is a cell cycle checkpoint regulator and put ative tumor suppressor. It contains a forkhead-associated protein interaction domain essential for activati on in response to DNA damage and is rapidly phosphorylated in response to replication blocks and DNA d amage. When activated, the encoded protein is known to inhibit CDC25C phosphatase, preventing entry i nto mitosis, and has been shown to stabilize the tumor suppressor protein p53, leading to cell cycle arres t in G1. In addition, this protein interacts with and phosphorylates BRCA1, allowing BRCA1 to restore survi val after DNA damage. Mutations in this gene have been linked with Li-Fraumeni syndrome, a highly pene trant familial cancer phenotype usually associated with inherited mutations in TP53. Also, mutations in th is gene are thought to confer a predisposition to sarcomas, breast cancer, and brain tumors. This nuclear protein is a member of the CDS1 subfamily of serine/threonine protein kinases. Several transcript variant s encoding different isoforms have been found for this gene.
基因ID	11200
基因名	CHEK2
Swiss	O96017 (https://www.uniprot.org/uniprotkb/O96017/entry)
别名	Phospho-Chk2 (T68),Phospho-Chk2 (T68) Rabbit mAb,CHEK2,CHK2 checkpoint homolog,Cds1 homolog,Ch eckpoint kinase 2,CDS1,CHK2,RAD53

产品验证



Western blot analysis of Phospho-Chk2 (T68) expressed in Jurkat,Mouse liver,Rat thymus using Phospho-C hk2 (T68) 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. Expos ure time: 120s.

实验步骤

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