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Phospho-ATR (Thr1989) (YD15927) Rabbit mAb

货号: AYD12423

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	**1：1000-1：3000:**
理论分子量	301kDa
实测分子量	301kDa
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	NCI-H460
细胞定位	Nucleus, Chromosome, Nucleus envelope
纯化	亲和纯化

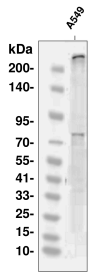
抗原信息

抗原信息	

靶点信息

研究背景	The protein encoded by this gene belongs the PI3/PI4-kinase family, and is most closely related to ATM, a protein kinase encoded by the gene mutated in ataxia telangiectasia. This protein and ATM share similarity with Schizosaccharomyces pombe rad3, a cell cycle checkpoint gene required for cell cycle arrest and DNA damage repair in response to DNA damage. This kinase has been shown to phosphorylate checkpoint kinase CHK1, checkpoint proteins RAD17, and RAD9, as well as tumor suppressor protein BRCA1. Mutations of this gene are associated with Seckel syndrome. An alternatively spliced transcript variant of this gene has been reported, however, its full length nature is not known. Transcript variants utilizing alternative polyA sites exist.
基因ID	545
基因名	ATR
Swiss	Q13535 (https://www.uniprot.org/uniprotkb/Q13535/entry)
别名	Phospho-ATR (Thr1989) (YD15927),Phospho-ATR (Thr1989) (YD15927) Rabbit mAb,ATR,Ataxia telangiectasia and Rad3-related protein,FRAP-related protein 1,FRP1

产品验证



Western blot analysis of extracts from A549 cells using Phospho-ATR (Thr1989) (YD15927) at 1:1000.

实验步骤

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