

# ATR Rabbit pAb

货号: B20846

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	IF/ICC
推荐浓度	<b>IF/ICC:</b> 1:50 - 1:200
理论分子量	294kDa/297kDa/301kDa
实测分子量	294kDa/297kDa/301kDa
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	HeLa cells, mouse testis tissue
细胞定位	Chromosome,Nucleus,PML body
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 740-870 of ATR (NP_001175.2).
序列	LFCRNLKATSQHECSSLKASVCKPFLFLLKKKIPSPVKLAFIDNLHHLCKHLDFREDETDVKAVLGTLNLMEDPDKDVR VAFSGNIKHILESLSDEGDFIKELFVLRMKEAYTHAQISRNNELKDTLI

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. [provided by RefSeq, Jul 2008]
基因ID	545
基因名	ATR
Swiss	Q13535
别名	ATR;FCTCS;FRP1;MEC1;SCKL;SCKL1

产品验证

实验步骤

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