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MDC1 (Phospho-Ser513) Antibody

货号: AYP4556

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200
理论分子量	116kDa/195kDa/197kDa/226kDa
实测分子量	
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,LO2
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human MDC1 (Phospho-Ser513).

靶点信息

研究背景	The protein encoded by this gene contains an N-terminal forkhead domain, two BRCA1 C-terminal (BRCT) motifs and a central domain with 13 repetitions of an approximately 41-amino acid sequence. The encoded protein is required to activate the intra-S phase and G2/M phase cell cycle checkpoints in response to DNA damage. This nuclear protein interacts with phosphorylated histone H2AX near sites of DNA double-strand breaks through its BRCT motifs, and facilitates recruitment of the ATM kinase and meiotic recombination 11 protein complex to DNA damage foci.
基因ID	9656
基因名	MDC1
Swiss	Q14676 (https://www.uniprot.org/uniprotkb/Q14676/entry)
别名	MDC1,NFBD1,MDC1 (Phospho-Ser513) Antibody,Nuclear factor with BRCT domains 1,KIAA0170,MDC1 (Phospho-Ser513)

产品验证

实验步骤

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