

产品名称: ATM Rabbit Monoclonal Antibody
产品货号: AMRe01480



产品概述 (Summary)

产品名称 (Production Name)	ATM Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATM
别名 (Alternative Names)	ATM; Serine-protein kinase ATM; Ataxia telangiectasia mutated; A-T mutated
基因 ID (Gene ID)	472
蛋白 ID (SwissProt ID)	Q13315.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 351 kDa; Observed MW: 351 kDa

研究背景 (Background)

The protein encoded by this gene belongs to the PI3/PI4-kinase family. This protein is an important cell cycle checkpoint

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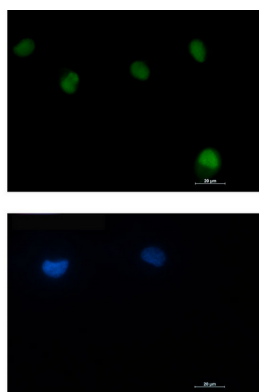


kinase that phosphorylates; thus, it functions as a regulator of a wide variety of downstream proteins, including tumor suppressor proteins p53 and BRCA1, checkpoint kinase CHK2, checkpoint proteins RAD17 and RAD9, and DNA repair protein NBS1. This protein and the closely related kinase ATR are thought to be master controllers of cell cycle checkpoint signaling pathways that are required for cell response to DNA damage and for genome stability.

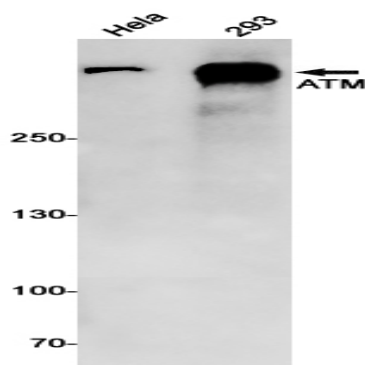
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Immunocytochemistry analysis of ATM (green) in HT-1080 using ATM antibody, and DAPI (blue).



Western blot analysis of ATM in HeLa, 293 lysates using ATM antibody.

注意事项 (Note)

For research use only .