

ATM (1G2) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00507

Product information

产品货号	HZ-YMA00507
别名	ATM;Serine-protein kinase ATM;Ataxia telangiectasia mutated;A-T mutated
产品名称	ATM (1G2) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	ATM
推荐应用	WB,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	472
Human Swissprot No.	Q13315
稀释度	WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200
参考分子量	351kDa
预测分子量	351kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	The protein encoded by this gene belongs to the PI3/PI4-kinase family. This protein is an important cell cycle checkpoint 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. Mutations in this gene are associated with ataxia telangiectasia, an autosomal recessive disorder. [provided by RefSeq, Aug 2010],
细胞定位	Nucleus . Cytoplasmic vesicle . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Primarily nuclear. Found also in endocytic vesicles in association with beta-adaptin. .
纯化	Protein A
Clonality	Monoclonal