

产品名称: ATRIP Rabbit Polyclonal Antibody
产品货号: APRab07353



产品概述 (Summary)

产品名称 (Production Name)	ATRIP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATRIP
别名 (Alternative Names)	ATRIP; AGS1; ATR-interacting protein; ATM and Rad3-related-interacting protein
基因 ID (Gene ID)	84126.0
蛋白 ID (SwissProt ID)	Q8WXE1.The antiserum was produced against synthesized peptide derived from human ATRIP. AA range:34-83

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	80kDa

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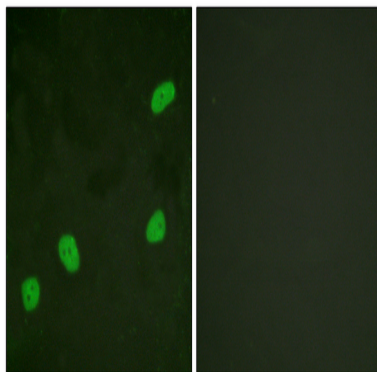


研究背景 (Background)

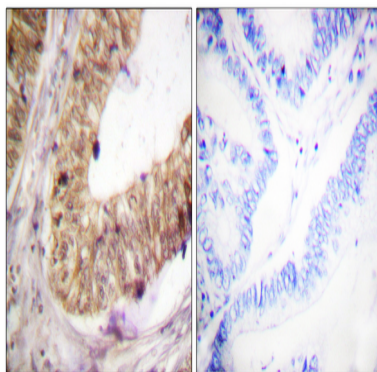
This gene encodes an essential component of the DNA damage checkpoint. The encoded protein binds to single-stranded DNA coated with replication protein A. The protein also interacts with the ataxia telangiectasia and Rad3 related protein kinase, resulting in its accumulation at intranuclear foci induced by DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2012], caution: The gene for this protein is either identical to or adjacent to that of TREX1. Some of the mRNAs that encode ATRIP also encode TREX1 in another reading frame., domain: The EEXXXDDL motif is required for the interaction with catalytic subunit PRKDC and its recruitment to sites of DNA damage., function: Required for checkpoint signaling after DNA damage. Required for ATR expression, possibly by stabilizing the protein., PTM: Phosphorylated by ATR., sequence caution: Translation N-terminally extended., similarity: Belongs to the ATRIP family., subcellular location: Redistributes to discrete nuclear foci upon DNA damage., subunit: Heterodimer with ATR. The heterodimer binds the RPA complex and is then recruited to single stranded DNA. Interacts with CEP164 (via N-terminus), tissue specificity: Ubiquitous.,

研究领域 (Research Area)

图片 (Image Data)



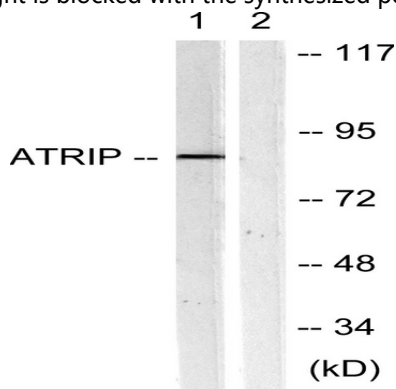
Immunofluorescence analysis of HeLa cells, using ATRIP Antibody. The picture on the right is blocked with the synthesized peptide.



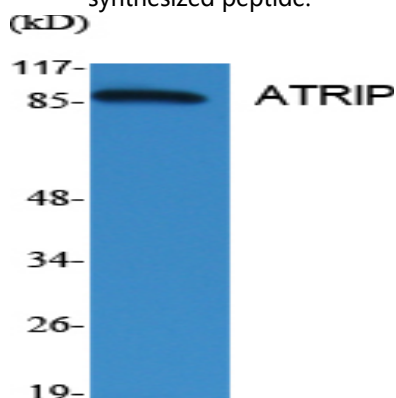
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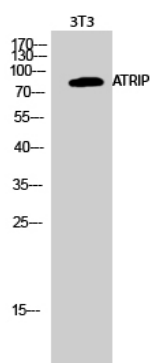
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ATRIP Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using ATRIP Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ATRIP Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .



Western Blot analysis of 3T3 cells using ATRIP Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

注意事项 (Note)

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