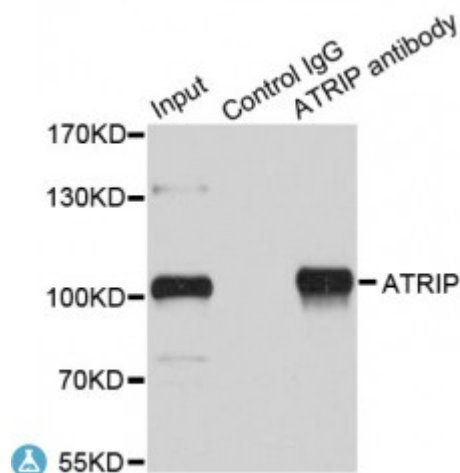


Anti-ATRIP Antibody



Description

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.

Model	STJ116274
Host	Rabbit
Reactivity	Human
Applications	IF, IP, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human ATRIP (NP_569055.1).
Gene ID	84126
Gene Symbol	ATRIP
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:20 - 1:50
Tissue Specificity	Ubiquitous
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	ATR-interacting protein ATM and Rad3-related-interacting protein

Molecular Weight	85.838 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:33499OMIM:606605Reactome:R-HSA-176187
Alternative Names	ATR-interacting protein ATM and Rad3-related-interacting protein
Function	Required for checkpoint signaling after DNA damage, Required for ATR expression, possibly by stabilizing the protein,
Cellular Localization	Nucleus,
Post-translational Modifications	Phosphorylated by ATR,

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