

## ARG43111 anti-ATRIP antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ATRIP
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ATRIP
Species	Human
Immunogen	Synthetic peptide derived from Human ATRIP.
Conjugation	Un-conjugated
Alternate Names	ATR-interacting protein; ATM and Rad3-related-interacting protein

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	PC-3	
Observed Size	~ 88 kDa	

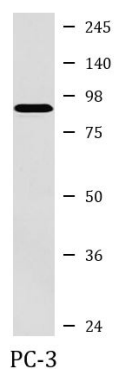
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	ATRIP
Gene Full Name	ATR interacting protein
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]
Function	Required for checkpoint signaling after DNA damage. Required for ATR expression, possibly by stabilizing the protein. [UniProt]
Calculated Mw	86 kDa
PTM	Phosphorylated by ATR. [UniProt]
Cellular Localization	Nucleus. Note=Redistributes to discrete nuclear foci upon DNA damage. [UniProt]

## Images



ARG43111 anti-ATRIP antibody WB image

Western blot: PC-3 cell lysate stained with ARG43111 anti-ATRIP antibody.