



# ATRIP (phospho Ser224) rabbit pAb

Cat No.:ES7733

For research use only

## Overview

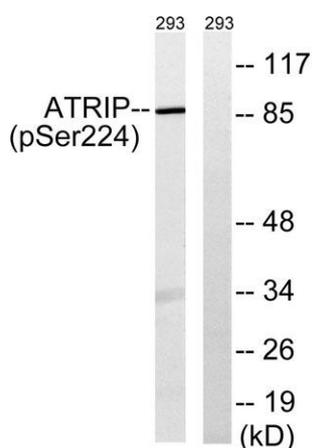
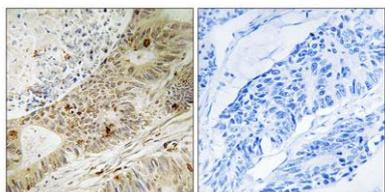
<b>Product Name</b>	ATRIP (phospho Ser224) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ATRIP around the phosphorylation site of Ser224. AA range:190-239
<b>Specificity</b>	Phospho-ATRIP (S224) Polyclonal Antibody detects endogenous levels of ATRIP protein only when phosphorylated at S224.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	ATR-interacting protein
<b>Gene Name</b>	ATRIP
<b>Cellular localization</b>	Nucleus . Redistributes to discrete nuclear foci upon DNA damage.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	86kD
<b>Human Gene ID</b>	84126
<b>Human Swiss-Prot Number</b>	Q8WXE1
<b>Alternative Names</b>	ATRIP; AGS1; ATR-interacting protein; ATM and Rad3-related-interacting protein
<b>Background</b>	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],

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using ATRIP (Phospho-Ser224) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from 293 cells treated with UV 15', using ATRIP (Phospho-Ser224) Antibody. The lane on the right is blocked with the phospho peptide.

