ATRIP (Phospho-Ser224) Antibody

Catalog No: #12130

Package Size: #12130-1 50ul #12130-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

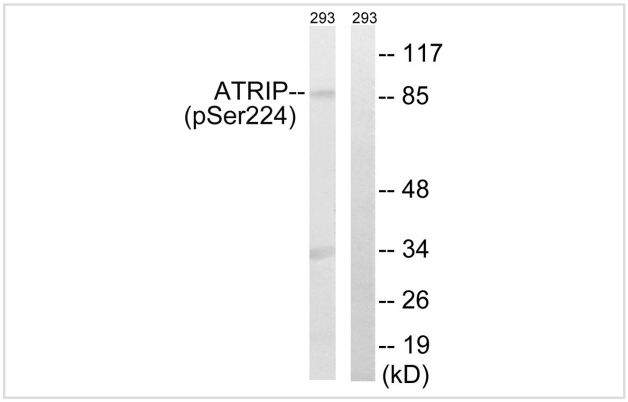
Product Name	ATRIP (Phospho-Ser224) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of ATRIP only when phosphorylated at serine 224.
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of serine 224 (H-V-S(p)-P-R) derived from Human ATRIP.
Target Name	ATRIP
Modification	Phospho
Other Names	ATIP; ATM and Rad3 related interacting protein; ATR-interacting protein
Accession No.	Swiss-Prot#:Q8WXE1;NCBI Gene#:84126
Uniprot	Q8WXE1
GeneID	84126;
SDS-PAGE MW	86kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

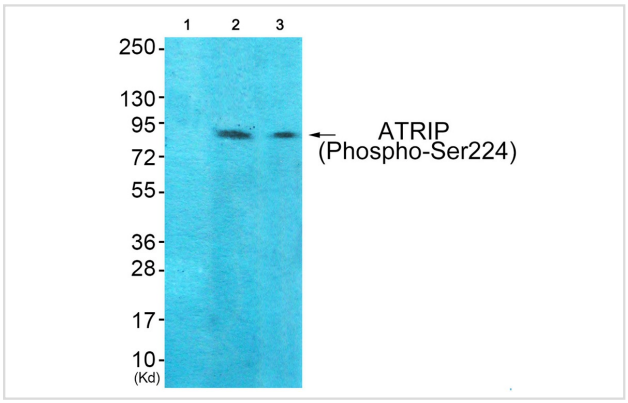
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

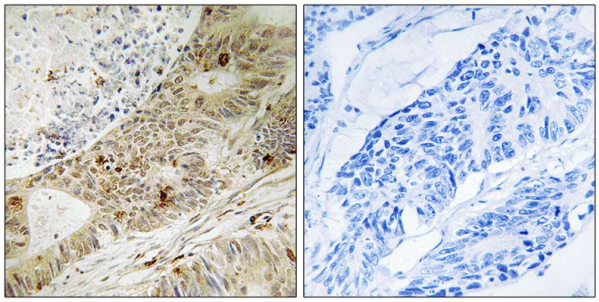
Images



Western blot analysis of extracts from 292 cells, treated with UV (15mins), using ATRIP (Phospho-Ser224) antibody #12130. The lane on the right is treated with the synthesized peptide.



Western blot analysis of extracts from 293 cells (Lane 2) and Hela cells (Lane 3), using ATRIP (Phospho-Ser224) Antibody #12130. The lane on the left is treated with synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ATRIP (Phospho-Ser224) antibody #12130. The picture on the right is treated with the synthesized peptide.

Background

Required for checkpoint signaling after DNA damage. Required for ATR expression, possibly by stabilizing the protein.

Note: This product is for in vitro research use only