

ATRIP (phospho Ser68) rabbit pAb**Cat#: orb770607 (Manual)**

For research use only. Not intended for diagnostic use.

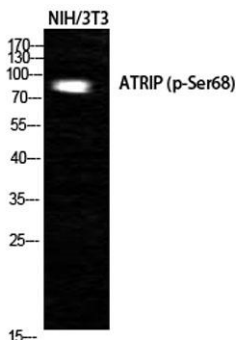
Product Name	ATRIP (phospho Ser68) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ATRIP around the phosphorylation site of Ser68. AA range:34-83
Specificity	Phospho-ATRIP (S68) Polyclonal Antibody detects endogenous levels of ATRIP protein only when phosphorylated at S68.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ATR-interacting protein
Gene Name	ATRIP
Cellular localization	Nucleus . Redistributes to discrete nuclear foci upon DNA damage.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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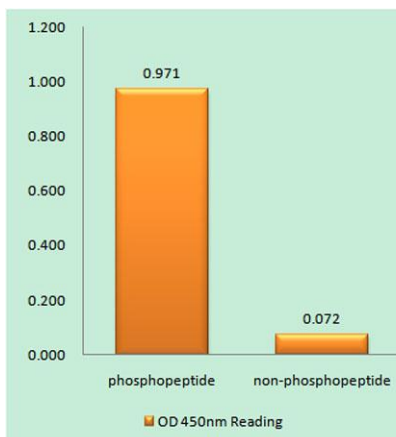
Concentration	1 mg/ml
Observed band	80kD
Human Gene ID	84126
Human Swiss-Prot Number	Q8WXE1
Alternative Names	ATRIP; AGS1; ATR-interacting protein; ATM and Rad3-related-interacting protein

Background

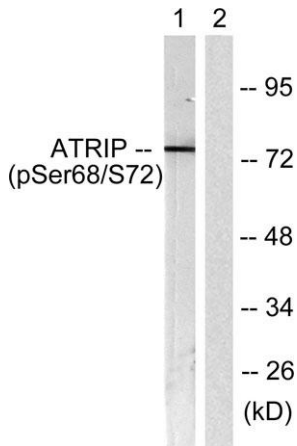
This gene encodes an essential component of the DNA damage checkpoint. The encoded protein binds to single-stranded DNA coated with replication protein A. The protein also interacts with the ataxia telangiectasia and Rad3 related protein kinase, resulting in its accumulation at intranuclear foci induced by DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2012],



Western Blot analysis of NIH-3T3 cells using Phospho-ATRIP (S68) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using ATRIP (Phospho-Ser68) Antibody



Western blot analysis of lysates from NIH/3T3 cells, using ATRIP (Phospho-Ser68) Antibody. The lane on the right is blocked with the phospho peptide.