

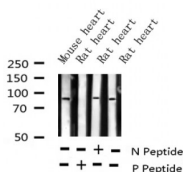
Phospho-ATRIP (Ser68) Ab

Cat.#: AF3468
Size: 100ul, 200ul

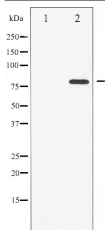
Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 80kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human, Mouse, Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-ATRIP (Ser68) Ab detects endogenous levels of ATRIP only when phosphorylated at Serine 68.
Immunogen:	A synthesized peptide derived from human ATRIP around the phosphorylation site of Serine 68.
Uniprot:	Q8WXE1
Description:	ATRIP is required for checkpoint signaling after DNA damage. Required for ATR expression, possibly by stabilizing the protein.
Subcellular Location:	Nucleus. Redistributes to discrete nuclear foci upon DNA damage.
Tissue Specificity:	Ubiquitous.
Similarity:	The EEXXXDDL motif is required for the interaction with catalytic subunit PRKDC and its recruitment to sites of DNA damage. Belongs to the ATRIP family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of Phospho-ATRIP (Ser68) expression in various lysates



Western blot analysis of ATRIP phosphorylation expression in NIH-3T3 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.



AF3468 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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