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Anti-ATRIP Antibody
Rabbit polyclonal antibody to ATRIP
Catalog # AP60121

Specification

Anti-ATRIP Antibody - Product Information

Application	**WB, FC, IF/IC, IHC**
Primary Accession	Q8WXE1
Other Accession	Q8BMG1
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**85838**

Anti-ATRIP Antibody - Additional Information

Gene ID 84126

Other Names
AGS1; ATR-interacting protein; ATM and Rad3-related-interacting protein

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ATRIP. The exact sequence is proprietary.

Dilution
WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), FC (1/100 - 1/200)
FC~~1:10~50
IF/IC~~N/A
IHC~~1:100~500

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-ATRIP Antibody - Protein Information

Name ATRIP

Synonyms AGS1

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

Cellular Location
Nucleus. Note=Redistributes to discrete nuclear foci upon DNA damage

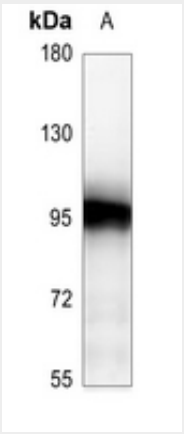
Tissue Location
Ubiquitous..

Anti-ATRIP Antibody - Protocols

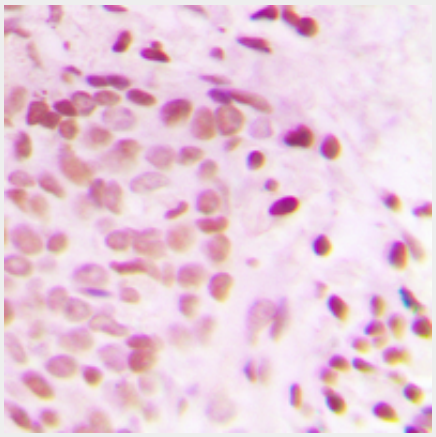
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-ATRIP Antibody - Images



Western blot analysis of ATRIP expression in Jurkat (A) whole cell lysates.



Immunohistochemical analysis of ATRIP staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room

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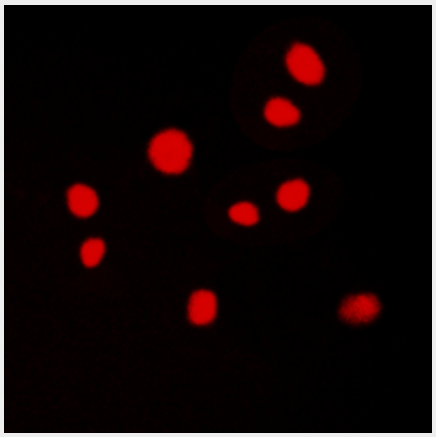
temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of ATRIP staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Anti-ATRIP Antibody - Background

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