10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ATRIP Antibody

Rabbit polyclonal antibody to ATRIP
Catalog # AP60121

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

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

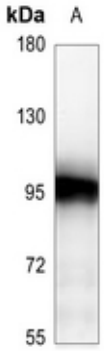
Protein Information

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..

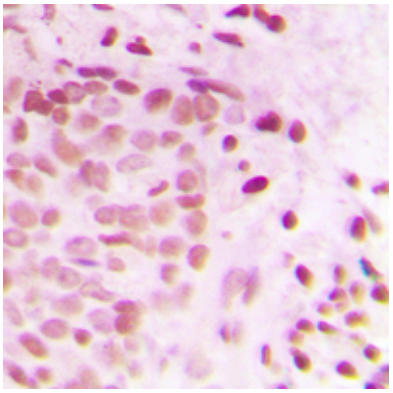
Background

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

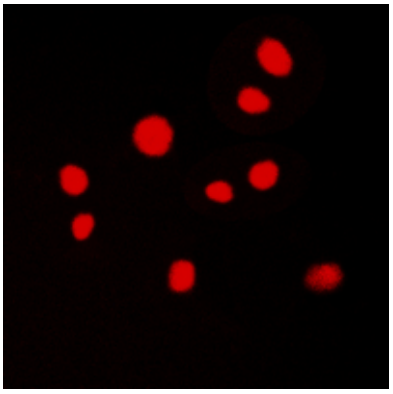
Images



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 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.