

ATR (phospho Ser428) antibody

Cat. No. GTX133852

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF
Reactivity	Human, Mouse

Package
100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW 301 kDa. ([Note](#))

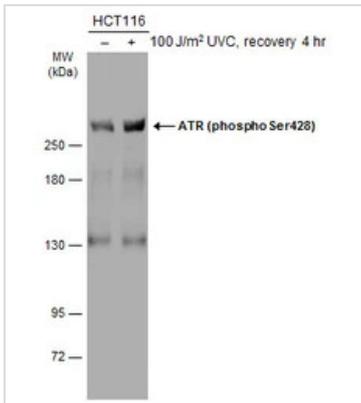
PROPERTIES

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.26 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser428 of human ATR. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>



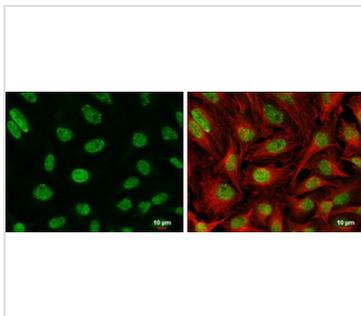
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DATA IMAGES



GTX133852 WB Image

Untreated (-) and treated (+) HCT116 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ATR (phospho Ser428) antibody (GTX133852) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX133852 ICC/IF Image

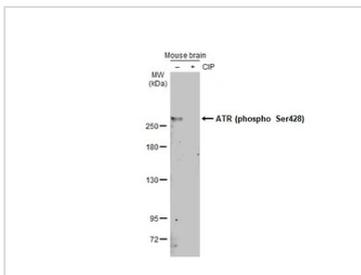
ATR (phospho Ser428) antibody detects ATR (phospho Ser428) protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ATR (phospho Ser428) stained by ATR (phospho Ser428) antibody (GTX133852) diluted at 1:2000.

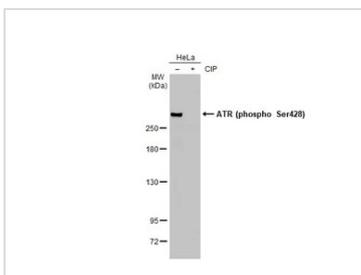
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:500.

Scale bar= 10 µm.



GTX133852 WB Image

Untreated (-) and treated (+) mouse tissue extracts (50 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ATR (phospho Ser428) antibody (GTX133852) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



GTX133852 WB Image

Untreated (-) and treated (+) HeLa whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ATR (phospho Ser428) antibody (GTX133852) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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