

ATM (phospho Ser1981) antibody

Cat. No. GTX132146

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

References (19)

Package

100 µl, 25 µl

Applications

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
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 351 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser1981 of human ATM. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

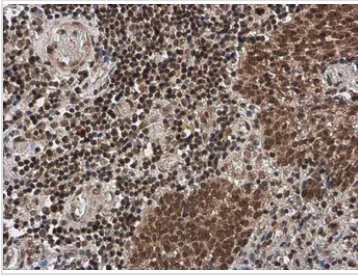
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DATA IMAGES



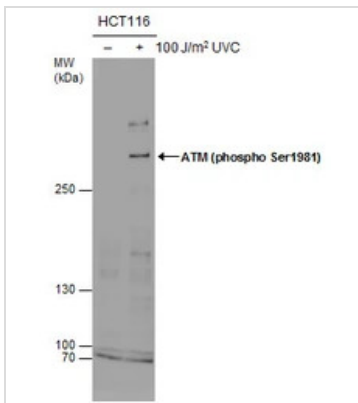
GTX132146 IHC-P Image

ATM (phospho Ser1981) antibody detects ATM (phospho Ser1981) protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human cervical carcinoma.

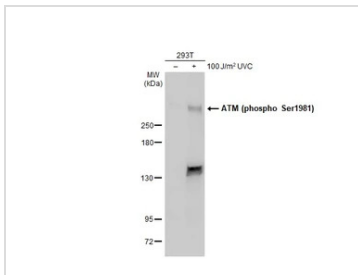
ATM (phospho Ser1981) stained by ATM (phospho Ser1981) antibody (GTX132146) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



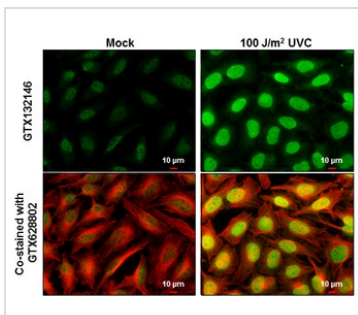
GTX132146 WB Image

Untreated (-) and treated (+) HCT116 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ATM (phospho Ser1981) antibody (GTX132146) diluted at 1:1000.



GTX132146 WB Image

Untreated (-) and treated (+) 293T whole cell extracts (60 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ATM (phospho Ser1981) antibody (GTX132146) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX132146 ICC/IF Image

ATM (phospho Ser1981) antibody detects ATM (phospho Ser1981) protein at nucleus by immunofluorescent analysis.

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

Green: ATM (phospho Ser1981) stained by ATM (phospho Ser1981) antibody (GTX132146) diluted at 1:500.

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

Scale bar= 10 µm.



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