

ATM (phospho Ser1981) antibody [HL1062]

Cat. No. GTX636086

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human

Reference (1)

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	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

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

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	Affinity purified by protein A.
Conjugation	Unconjugated

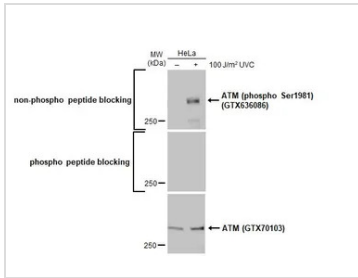
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

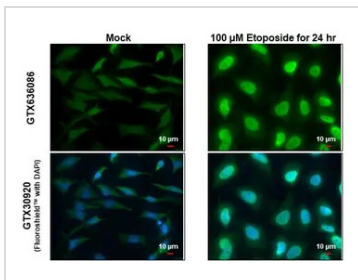
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DATA IMAGES

GTX636086 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 [HL1062] (GTX636086) 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.

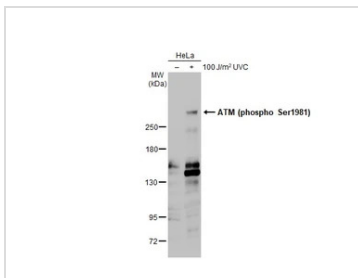

GTX636086 ICC/IF Image

ATM (phospho Ser1981) antibody [HL1062] detects ATM (phospho Ser1981) protein at nucleus by immunofluorescent analysis.

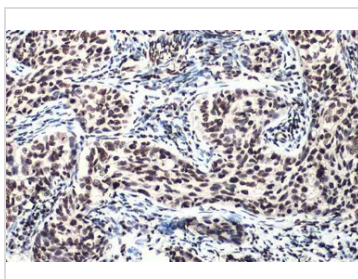
Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ATM (phospho Ser1981) stained by ATM (phospho Ser1981) antibody [HL1062] (GTX636086) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).


GTX636086 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 [HL1062] (GTX636086) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX636086 IHC-P Image

ATM (phospho Ser1981) antibody [HL1062] 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 [HL1062] (GTX636086) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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