



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## 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

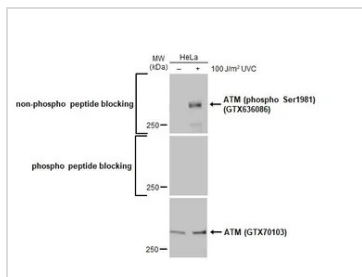
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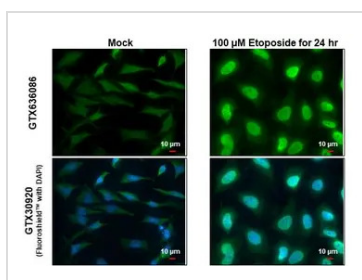
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DATA IMAGES



**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.



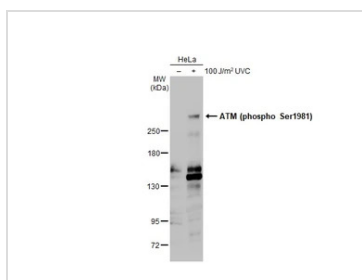
**GTX636086 ICC/IF Image**

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.

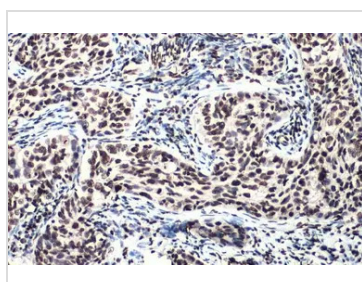
Green: ATM (phospho Ser1981) stained by ATM (phospho Ser1981) antibody [HL1062] (GTX636086) diluted at 1:500.

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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