

ATR (phospho Ser428) antibody [HL3246]

Cat. No. GTX640889

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse

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	Assay dependent

Not tested in other applications.

Observed MW (kDa) 260 kDa.

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 Ser428 of human ATR. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

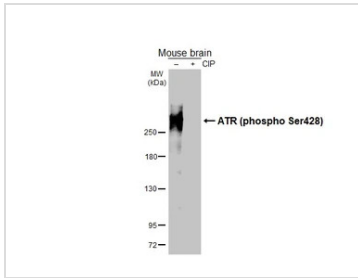
Note

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

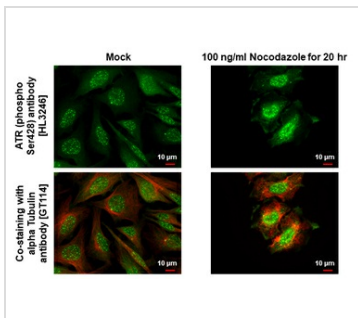
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DATA IMAGES

GTK640889 WB Image

Untreated (–) and treated (+) mouse tissue extract (50 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ATR (phospho Ser428) antibody [HL3246] (GTK640889) diluted at 1:2500. The HRP-conjugated anti-rabbit IgG antibody (GTK213110-01) was used to detect the primary antibody.

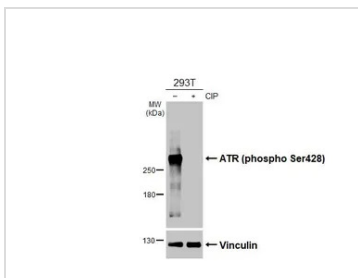

GTK640889 ICC/IF Image

ATR (phospho Ser428) antibody [HL3246] detects ATR (phospho Ser428) protein by immunofluorescent analysis.

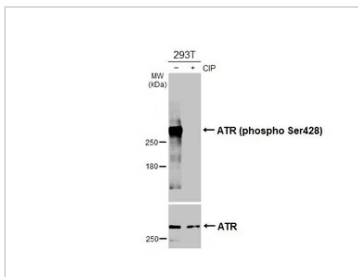
Sample: Mock and treated HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: ATR (phospho Ser428) stained by ATR (phospho Ser428) antibody [HL3246] (GTK640889) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTK628802) diluted at 1:1000.


GTK640889 WB Image

Untreated (–) and treated (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ATR (phospho Ser428) antibody [HL3246] (GTK640889) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTK213110-01) was used to detect the primary antibody.


GTK640889 WB Image

Untreated (–) and treated (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with ATR (phospho Ser428) antibody [HL3246] (GTK640889) diluted at 1:1000 and ATR antibody (GTK70109) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTK213110-01) was used to detect the primary antibody.



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