

Chk1 (phospho Ser317) antibody [HL4313]

Cat. No. GTX643560

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

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) 50-60 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 Ser317 of human chk1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

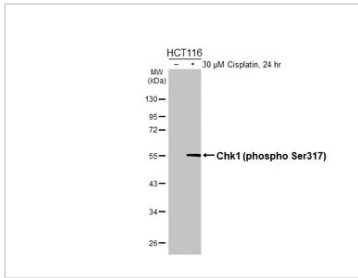
Note

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

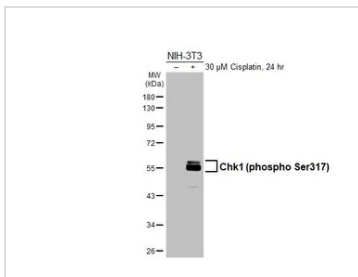
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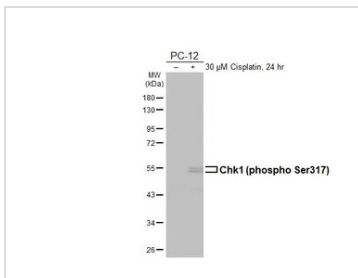
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DATA IMAGES

GTX643560 WB Image

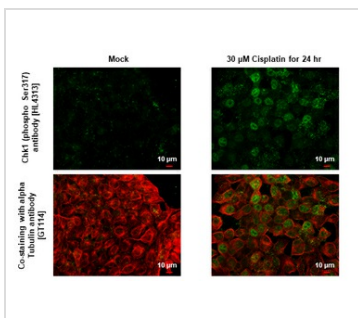
Untreated (–) and treated (+) HCT-116 whole cell extract (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Chk1 (phospho Ser317) antibody [HL4313] (GTX643560) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX643560 WB Image

Untreated (–) and treated (+) NIH-3T3 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Chk1 (phospho Ser317) antibody [HL4313] (GTX643560) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX643560 WB Image

Untreated (–) and treated (+) PC-12 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Chk1 (phospho Ser317) antibody [HL4313] (GTX643560) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX643560 ICC/IF Image

Chk1 (phospho Ser317) antibody [HL4313] detects Chk1 (phospho Ser317) protein by immunofluorescent analysis.

Sample: Mock and treated HCT 116 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Chk1 (phospho Ser317) stained by Chk1 (phospho Ser317) antibody [HL4313] (GTX643560) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.



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