

# Product Datasheet

## Chk1 [p Ser317] Antibody (PSH03-84) NBP3-32755

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32755**

Chk1 [p Ser317] Antibody (PSH03-84)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH03-84
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	54 kDa

Product Description	
Description	Novus Biologicals Rabbit Chk1 [p Ser317] Antibody (PSH03-84) (NBP3-32755) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1111
Gene Symbol	CHEK1
Species	Human, Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser317 of Human Chk1. (Uniprot: O14757)

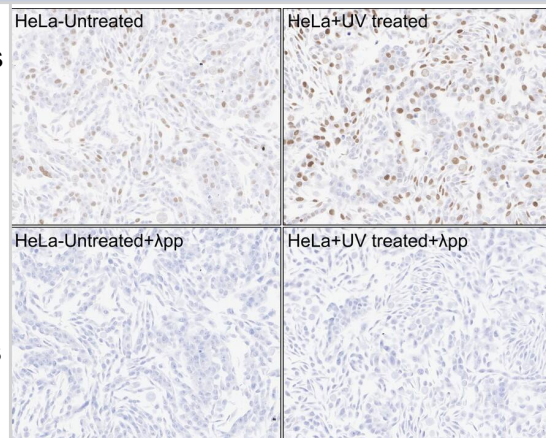
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



## Images

**Immunohistochemistry: Chk1 [p Ser317] Antibody (PSH03-84) [NBP3-32755]** - Immunohistochemical analysis of paraffin-embedded HeLa cells treated with or without UV for 40 minutes with Rabbit anti-Chk1 antibody (NBP3-32755) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32755) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



**Western Blot: Chk1 [p Ser317] Antibody (PSH03-84) [NBP3-32755]** - Western blot analysis of Chk1 on different lysates with Rabbit anti-Chk1 antibody (NBP3-32755) at 1/1,000 dilution.

Lane 1: HeLa cell lysate

Lane 2: HeLa treated with UV for 1 hour cell lysate

Lane 3: C6 cell lysate

Lane 4: C6 treated with 100nM Calyculin A for 30 minutes cell lysate

Lysates/proteins at 20 µg/Lane.

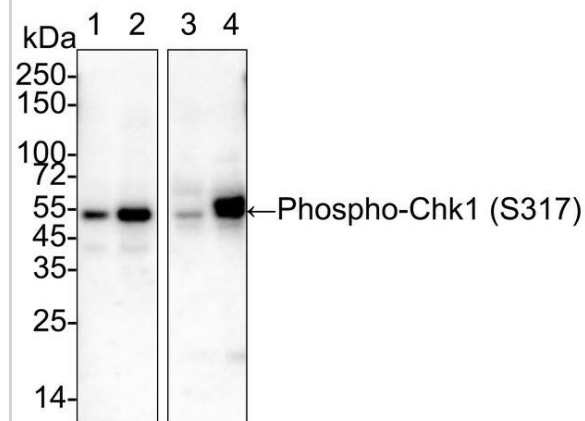
Predicted band size: 54 kDa

Observed band size: 54 kDa

Exposure time: 43 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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### **Products Related to NBP3-32755**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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