

Product Datasheet

DNA-PKcs Antibody (SC57-08) NBP2-67554

Unit Size: 100 ul

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

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NBP2-67554

DNA-PKcs Antibody (SC57-08)

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	SC57-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

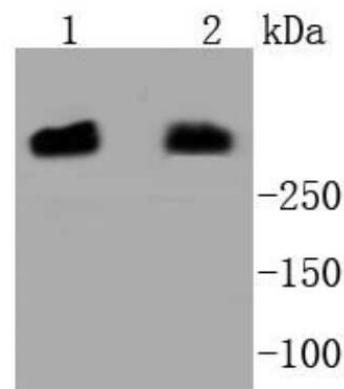
Host	Rabbit
Gene Symbol	PRKDC
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human DNA-PKcs aa 4062-4109 / 4128. (SwissProt: P78527 Human; SwissProt: P97313 Mouse; Entrez Gene:360748 Rat)

Product Application Details

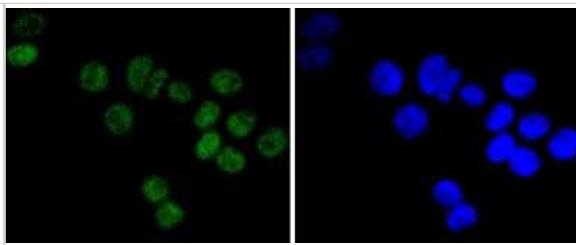
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

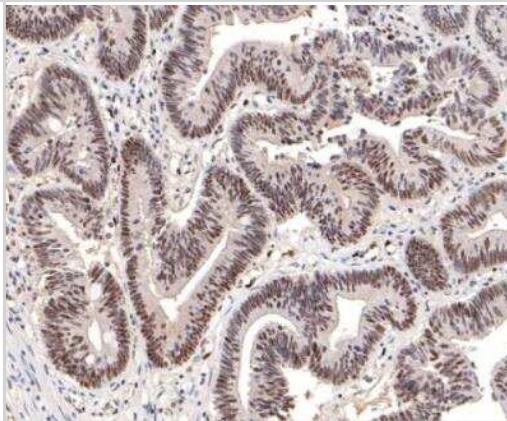
Western Blot: DNA-PKcs Antibody (SC57-08) [NBP2-67554] - Analysis of DNA PKcs on different lysates using anti-DNA PKcs antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: MCF-7



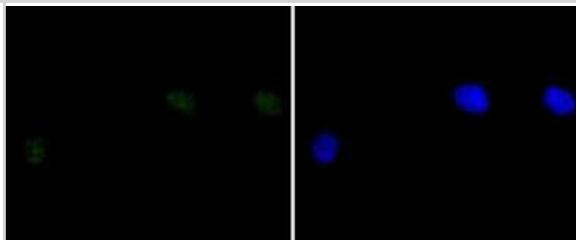
Immunocytochemistry/Immunofluorescence: DNA-PKcs Antibody (SC57-08) [NBP2-67554] - Staining DNA PKcs in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



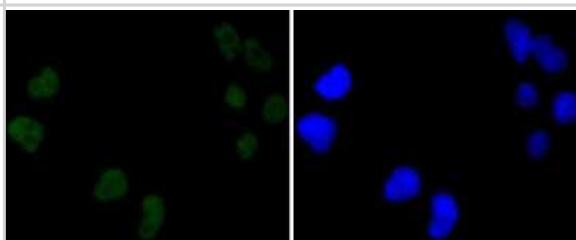
Immunohistochemistry-Paraffin: DNA-PKcs Antibody (SC57-08) [NBP2-67554] - Human colon carcinoma tissue with Rabbit anti-DNA PKcs antibody at 1/200 dilution. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 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.



Immunocytochemistry/Immunofluorescence: DNA-PKcs Antibody (SC57-08) [NBP2-67554] - Staining DNA PKcs in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: DNA-PKcs Antibody (SC57-08) [NBP2-67554] - Staining DNA PKcs in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Publications

Fang J, Singh S, Natarajan S et al. Genome-wide mapping of oncogenic pathways and genetic modifiers of chemotherapy using a high-risk hepatoblastoma genetic model Research Square 2022-03-30 (WB, Mouse)



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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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