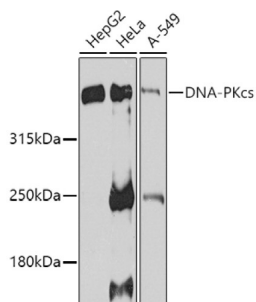
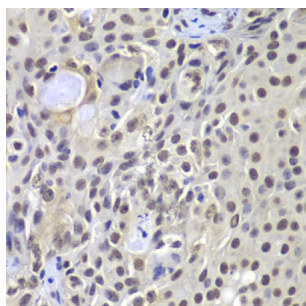


DNA-Dependent Protein Kinase Catalytic Subunit (PRKDC) Antibody

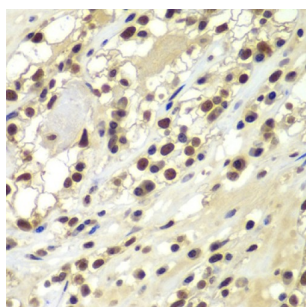
Catalogue No.: abx007363



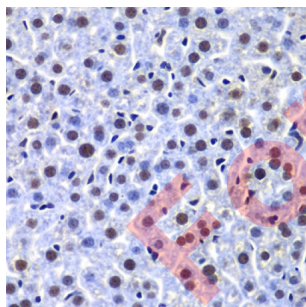
Western blot analysis of various lysates using DNA-PKcs Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.



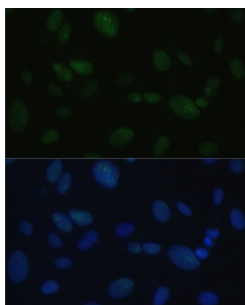
Immunohistochemistry analysis of paraffin-embedded Human well-differentiated squamous skin carcinoma using DNA-PKcs Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human kidney cancer using DNA-PKcs Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using DNA-PKcs Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of U-2OS cells using DNA-PKcs Antibody at dilution of 1/100. Blue: DAPI for nuclear staining.

Datasheet

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PRKDC Antibody is a Rabbit Polyclonal Antibody against PRKDC.

Target:	DNA-Dependent Protein Kinase Catalytic Subunit (PRKDC)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthetic peptide corresponding to PRKDC. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P78527 (UniProt , ExPASy)
Gene Symbol:	PRKDC
GeneID:	5591
OMIM:	600899
NCBI Accession:	NP_008835.5
HGNC:	9413
KEGG:	hsa:5591
Ensembl:	ENSG00000253729
String:	9606.ENSP00000313420

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Molecular Weight: Calculated MW: 469 kDa
Observed MW: 469 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only