

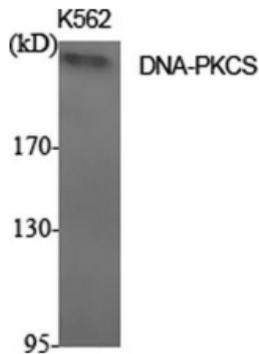
DNA-PKCS Rabbit Polyclonal Antibody

OPR2188

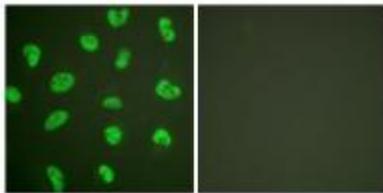
Reactivity	H,M	Storage	-20°C, Avoid freeze / thaw cycles
Host	Rabbit	Applications	WB;IHC;IF;ELISA
Isotype	IgG	Concentration	1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of various cells using DNA-PKCS Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit.



Immunofluorescence analysis of HeLa cells, using DNA-PK Antibody. The picture on the right is blocked with the synthesized peptide.

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human DNA-PK. AA range:4061- 4110
Swissprot	P78527
Synonyms	PRKDC; HYRC; HYRC1; DNA-dependent protein kinase catalytic subunit; DNA-PK catalytic subunit; DNA-PKcs; DNPK1; p460

Product Information

Observed MW	450 kDa
Buffer	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Dilution	WB: 1/500 - 1/2000,IHC: 1/100 - 1/300, IF: 1/200 - 1/1000, ELISA: 1/20000.

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user

Background

This gene encodes the catalytic subunit of the DNA-dependent protein kinase (DNA-PK). It functions with the Ku70/Ku80 heterodimer protein in DNA double strand break repair and recombination. The protein encoded is a member of the P13/P14-kinase family.

Research Use

For research use only, not for use in diagnostic procedure

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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