Anti-DNA PKcs Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P101797

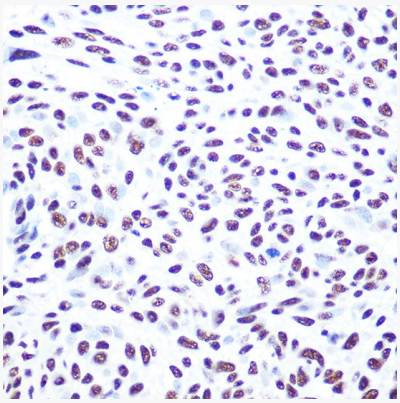
Product Information

Application	WB, IHC-P, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1000; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 3993-4128 of human DNA-PKcs (NP_008835.5).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-DNA PKcs Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

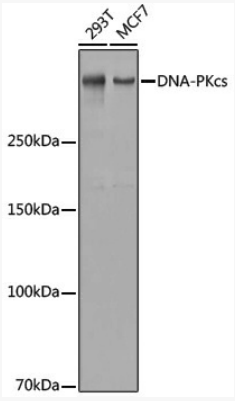
Protein Information

Synonyms	HYRC; p350; DNAPK; DNPK1; HYRC1; IMD26; XRCC7; DNAPKc; DNA-PKC; DNA-PKcs.
Calculated MW	Calculated MW: 469 kDa; Observed MW: 450 kDa
Uniprot ID	P78527
Gene ID	5591
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 PI3/PI4-kinase family.

Validation Images



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using DNA-PKcs Rabbit pAb (P101797) at dilution of 1:100 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Western blot analysis of various lysates using DNA-PKcs Rabbit pAb (P101797) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 1s.