

## Anti-Phospho-PRKDC (Thr2647) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Applications

Application:	ELISA,ICC/IF,IHC-P
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ICC/IF: 1:200-1000; ELISA: 1:10000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human DNA-PK around the phosphorylation site of Thr2647. AA range:2613-2662
Antigen Species:	Human
Uniprot ID:	P78527
Synonyms:	p460;HYRC;PRKDC (p-Thr2647);HYRC 1;complementing 1;XRCC7;PRKDC (p-T2647); Hyperradiosensitivity complementing 1;PKRDC;DNA dependent protein kinase catalytic subunit;PRKDC;p-PRKDC (T2647);Hyper radiosensitivity of murine scid mutation;p350;Protein Kinase DNA Activated Catalytic Polypeptide;DNPK 1;DNPK1;IMD26;DNAPK;p-PRKDC (Thr2647); DNA-PKcs;Phospho-PRKDC (T2647);XRCC 7;DNAPK catalytic subunit;DNA PK catalytic subunit;

## Research Background

protein kinase, DNA-activated, catalytic polypeptide(PRKDC) Homo sapiens 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. [provided by RefSeq, Jul 2010],

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