

Product datasheet for **TA327814**

DNA PKcs (PRKDC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	IHC: 1:50-1:200; IF/ICC: 1:100-1:500
Reactivity:	Human
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human DNA-PK around the phosphorylation site of Threonine 2647
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	protein kinase, DNA-activated, catalytic polypeptide
Database Link:	NP_008835 Entrez Gene 5591 Human P78527
Background:	The PRKDC gene encodes the catalytic subunit of a nuclear DNA-dependent serine/threonine protein kinase (DNA-PK). The second component is the autoimmune antigen Ku (MIM 152690), which is encoded by the G22P1 gene on chromosome 22q.
Synonyms:	DNA-PKcs; DNAPK; DNPk1; HYRC; HYRC1; IMD26; p350; XRCC7
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Cell cycle, Non-homologous end-joining



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