

Anti-Phospho-PRKDC (Thr2638) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 469 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	ICC/IF,ELISA
Recommended	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 Thr2638. AA range:2604-2653
Antigen Species:	human
Uniprot ID:	P78527
Synonyms:	PRKDC (p-Thr2638);HYRC1;DNPK 1;p460;PRKDC;p-PRKDC (T2638);HYRC 1;p-PRKDC (Thr2638); DNA dependent protein kinase catalytic subunit;Hyperradiosensitivity complementing 1;DNA-PKcs;Phospho-PRKDC (T2638);PRKDC (p-T2638);XRCC 7;PKRDC;DNA PK catalytic subunit; complementing 1;HYRC;DNAPK;IMD26;DNPK1;Hyper radiosensitivity of murine scid mutation; DNAPK catalytic subunit;p350;XRCC7;Protein Kinase DNA Activated Catalytic Polypeptide

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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