

Anti-Phospho-PRKDC (Ser2056) 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:	ELISA,IF,IHC-P
Recommended	IHC-P: 1:100-300; ELISA: 1:20000

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 Ser2056. AA range:2022-2071
Antigen Species:	human
Uniprot ID:	P78527
Synonyms:	DNA dependent protein kinase catalytic subunit;HYRC;XRCC7;IMD26;PRKDC;p460;p350;XRCC 7; Phospho-PRKDC (S2056);PRKDC (p-S2056);DNA PK catalytic subunit;DNPK 1;PRKDC (p-Ser2056);Protein Kinase DNA Activated Catalytic Polypeptide;DNAPK;HYRC1; Hyperradiosensitivity complementing 1;DNPK1;DNAPK catalytic subunit;DNA-PKcs; complementing 1;HYRC 1;Hyper radiosensitivity of murine scid mutation;p-PRKDC (Ser2056); PKRDC;p-PRKDC (S2056)

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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