

Product Datasheet

Phospho-DNA-PK (Thr2647) Antibody

Catalog No: CY6161

Reactivity: Human

Isotype: Rabbit IgG

Applications: IHC, ICC/IF



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Information

UniProt ID: P78527

All Names: DNA- PKcs, DNA-dependent protein kinase catalytic subunit, DNPK1, EC 2.7.11.1, P460, PRKD, PRKDC, XRCC7, kinase DNA-PK

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: kDa

Application

IHC 1:50-1:200

IF/ICC 1:100-1:500

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.

Western blot analysis of DNA-PK phosphorylation expression in whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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