

DNA-PKCS Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02673

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human DNA-PK. AA range:2022-

2071

Mol wt 469089

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application IHC-p, ELISA

Concentration 1 mg/ml

Full name DNA-PKCS Antibody

Synonyms PRKDC; HYRC; HYRC1; DNA-dependent protein kinase catalytic subunit; DNA-PK catalytic subunit;

DNA-PKcs; DNPK1; p460

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

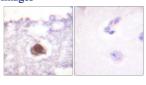
PRKDC (protein kinase, DNA-activated, catalytic polypeptide) encodes the catalytic subunit of the DNA-dependent protein kinase (DNA-PK). It functions with the Ku70/Ku80 heterodimer protein in DNA double strand break repair and recombination. The protein encoded is a member of the PI3/PI4-kinase family.

Recommended Dilution

IHC: 1: 100 - 1: 300 ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DNA-PK Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year