

DNA-PKCS Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02676
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DNA-PK. AA range:2578-2627
Mol wt	469089
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IF, 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.

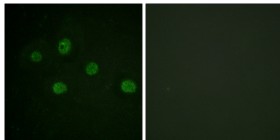
Recommended Dilution

IF: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HUVEC cells, using DNA-PK Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year