

DNA-PKCS(Phospho Thr2638) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15253
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DNA-PK around the phosphorylation site of Thr2638. AA range:2604-2653
Mol wt	469089
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	IF, ICC, ELISA
Concentration	1 mg/ml
Full name	DNA-dependent protein kinase catalytic subunit
Synonyms	DNA-dependent protein kinase catalytic subunit; 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

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.

Recommended Dilution

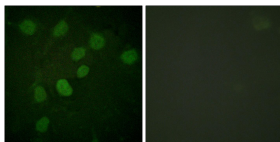
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HUVEC cells treated with serum 20% 30', using DNA-PK (Phospho-Thr2638) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year