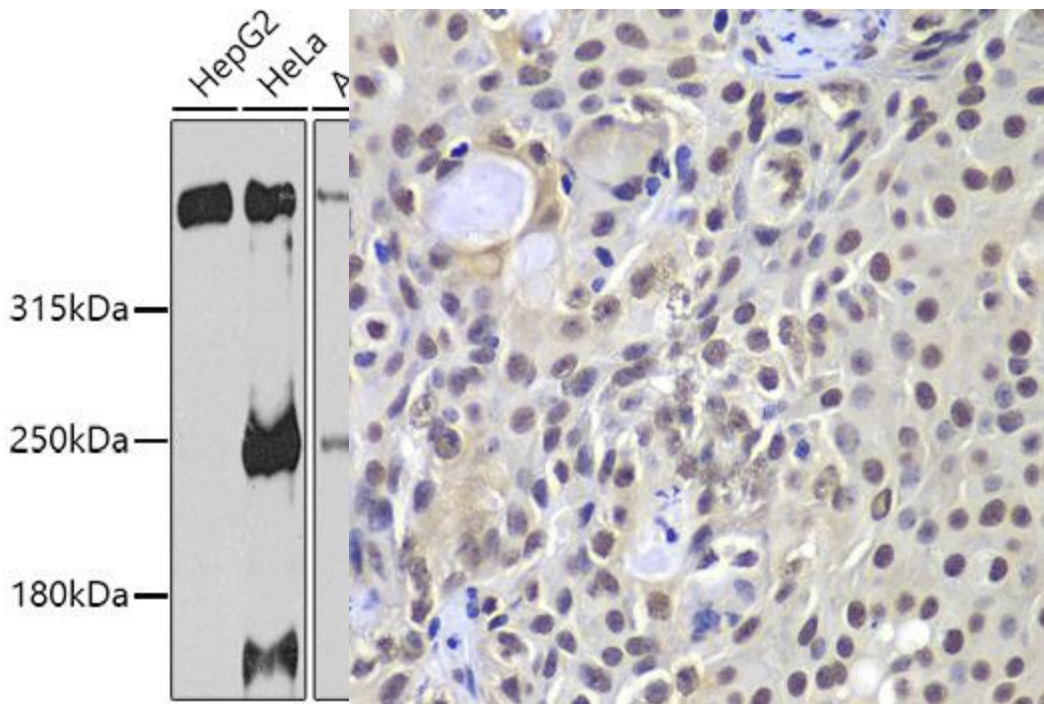


Product name:	DNA-PKCS
Cat number:	AB-83872
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic peptide of human DNA-PKCS
Reactivity:	Hu, Ms
Applications:	Western Blot: 1:500 -1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	469kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	This gene encodes the catalytic subunit of the DNA-dependent protein kinase (DNAPK). It functions with the Ku70/Ku80 heterodimer protein in DNA double strand break repair and recombination.



Western blot analysis of extracts of various cell lines, using DNA-PKCS antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 90s.

Immunohistochemistry of paraffin-embedded human well-differentiated squamous skin carcinoma using DNA-PKCS antibody at dilution of 1:100 (40x lens).