

DNA PKcs (Phospho-Ser2056) Rabbit mAb

Catalog No: #14139

Package Size: #14139-1 50ul #14139-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	DNA PKcs (Phospho-Ser2056) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	Phospho-DNA PKcs (S2056) Antibody detects endogenous levels of total Phospho-DNA PKcs (S2056)
Immunogen Description	A synthesized peptide derived from human Phospho-DNA PKcs (S2056)
Other Names	DNA- PKcs, DNA-dependent protein kinase catalytic subunit, DNPK1, EC 2.7.11.1, P460, PRKD, PRKDC, XRCC7, kinase DNA-PK
Accession No.	Uniprot:P78527
Uniprot	P78527
Calculated MW	469kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4 Λ C short term. Store at -20 Λ C long term. Avoid freeze / thaw cycle.

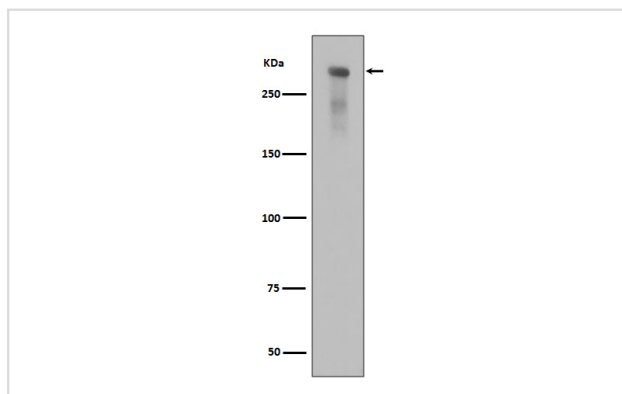
Application Details

WB:1:500~1:2000

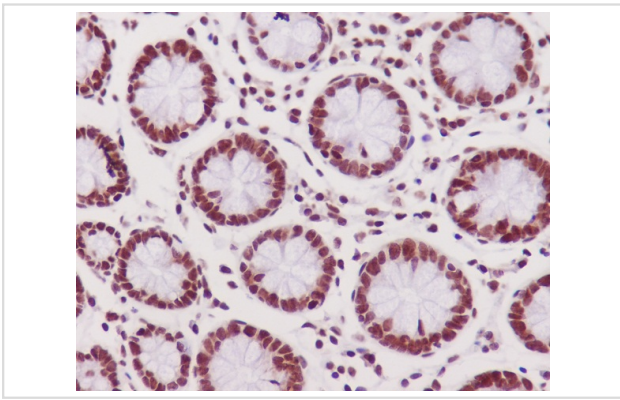
IHC:1:50~1:200

ICC/IF:1:50~1:200

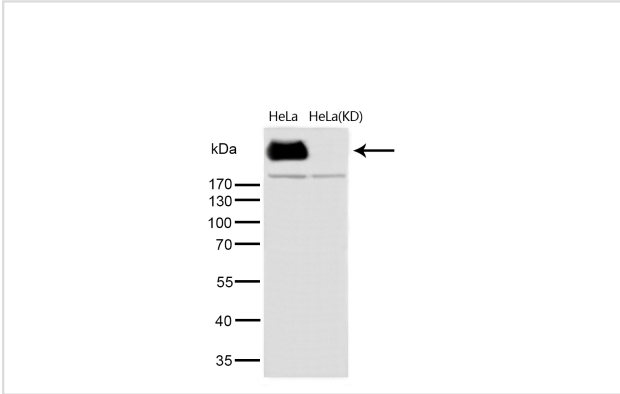
Images



Western blot analysis of Phospho-DNA PKcs (Ser2056) expression in alkaline treated Jurkat cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon, using Phospho-DNA PKcs (S2056) Antibody.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Product Description

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. On its own, the catalytic subunit of DNA-PK is inactive and relies on the G22P1 component to direct it to the DNA and trigger its kinase activity; PRKDC must be bound to DNA to express its catalytic properties.

Note: This product is for in vitro research use only