DNA PKcs (Phospho-Ser2056) Conjugated Antibody

Catalog No: #C14139

Package Size: #C14139-AF350 100ul #C14139-AF405 100ul #C14139-AF488 100ul #C14139-AF555 100ul #C14139-AF594 100ul #C14139-AF647 100ul #C14139-AF680 100ul #C14139-AF750 100ul #C14139-Biotin 100ul #C14139-Conjugated 50ul

Orders: order@signalwayantibody.com
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Description

Product Name	DNA PKcs (Phospho-Ser2056) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, 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)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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
Calculated MW	469kDa
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

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 and is not intended for use in humans or animals.