S1PR3 Antibody

PACO19009

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000

Protein Background:

Single-stranded DNA-dependent ATP-dependent helicase. Has a role in chromosome translocation. The DNA helicase II complex binds preferentially to fork-like ends of double-stranded DNA in a cell cycle-dependent manner. It works in the 3'-5' direction. Binding to DNA may be mediated by XRCC6. Involved in DNA non-homologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination. The XRCC5/6 dimer acts as regulatory subunit of the DNA-dependent protein kinase complex DNA-PK by increasing the affinity of the catalytic subunit PRKDC to DNA by 100-fold. The XRCC5/6 dimer is probably involved in stabilizing broken DNA ends and bringing them together. The assembly of the DNA-PK complex to DNA ends is required for the NHEJ ligation step. In association with NAA15, the XRCC5/6 dimer binds to the osteocalcin promoter and activates osteocalcin expression.

Gene ID:

S1PR3

Uniprot

Q99500

Synonyms:

Sphingosine-1-phosphate receptor 3

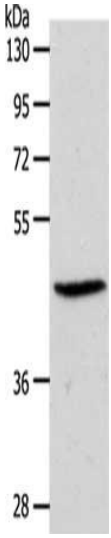
Immunogen:

Synthetic peptide of human S1PR3.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



Gel: 10%SDS-PAGE, Lysate: 50 μ g, Lane: PC3 cells, Primary antibody: PACO19009(S1PR3 Antibody) at dilution 1/550, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds.

