

DNA pol δ 3 polyclonal antibody

Catalog: BS5699

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

DNA replication, recombination and repair, all of which are necessary for genomic stability, require the presence of exonucleases. In DNA replication, exonucleases are involved in the processing of Okazaki fragments, whereas in DNA repair, they function to excise damaged DNA fragments and correct recombinational mismatches. These exonucleases include the family of DNA polymerases, namely DNA pol α , β , δ and ϵ . DNA pol δ and DNA pol ϵ are multisubunit enzymes, with DNA pol δ consisting of two subunits which interact with the sliding DNA clamp protein PCNA. DNA pol δ 3, also known as POLD3 or p66, is a 466 amino acid nuclear protein that is required for the proper function of DNA pol δ .

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 51 kDa

Swiss-Prot:

Q15054

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

ICC: 1:50~1:200

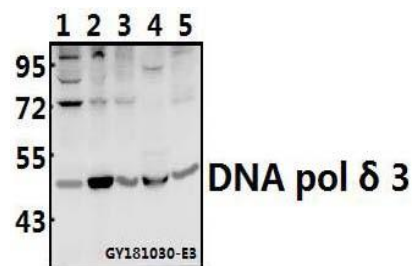
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

DNA pol δ 3 polyclonal antibody detects endogenous levels of DNA pol δ 3 protein.

DATA:



Western blot (WB) analysis of DNA pol δ 3 pAb at 1:500 dilution

Lane1:HuT78 whole cell lysate(40ug)

Lane2:Myla2059 whole cell lysate(40ug)

Lane3:SGC7901 whole cell lysate(40ug)

Lane4:The Testis tissue lysate of Mouse(40ug)

Lane5:PC12 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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