

For Research Use Only

# POLL Polyclonal antibody, PBS Only

Catalog Number: 14671-1-PBS



## Basic Information

Catalog Number:

14671-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6337

GenBank Accession Number:

BC068529

GeneID (NCBI):

27343

UNIPROT ID:

Q9UGP5

Full Name:

polymerase (DNA directed), lambda

Calculated MW:

63 kDa

Observed MW:

63-70 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

POLL (DNA polymerase lambda) functions in DNA repair (PMID: 11457865, PMID: 19806195, PMID: 20693240, PMID: 30250067). POLL has 5-prime-deoxyribose-5-phosphate lyase activity and strand-displacement synthesis activity on gapped DNA substrates, indicating that POLL participates in short- and long-patch base excision repair. POLL is involved in base excision repair (BER) responsible for repair of lesions that give rise to abasic (AP) sites in DNA (PMID: 11457865, PMID: 19806195).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

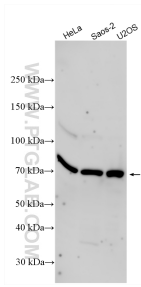
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14671-1-AP (POLL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14671-1-PBS in a different storage buffer formulation.