

[Go to Product page](#)

Datasheet for ABIN1714144 **anti-POLL antibody (AA 475-575)**

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | POLL |
| Binding Specificity: | AA 475-575 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This POLL antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human DNA Polymerase lambda |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse,Dog,Cow,Sheep,Pig,Chicken,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|---------|------|
| Target: | POLL |
|---------|------|

Target Details

| | |
|-------------------|---|
| Alternative Name: | DNA Polymerase lambda (POLL Products) |
| Background: | <p>Synonyms: BETA N, BETAN, DNA directed DNA polymerase lambda, DNA polymerase beta 2, DNA polymerase beta-2, DNA polymerase kappa, DNA polymerase kappa DNA polymerase beta N, DNA polymerase lambda, DNA polymerase lamda2, DPOLL_HUMAN, EC 2.7.7.7, EC 4.2.99., FLJ46002, OTTHUMP00000020321, OTTHUMP00000020323, OTTHUMP00000059179, Pol beta2, POL KAPPA, Pol Lambda, POLKAPPA, POLL, Polymerase DNA directed lambda.</p> <p>Background: DNA polymerase lambda (pol lambda), also designated DNA polymerase lambda or Pol Beta2, is a low-fidelity polymerase which plays a role in both spontaneous and DNA damage-induced mutagenesis. Encoded by the POLL gene, pol lambda is a member of the DNA polymerase type-X family. Pol lambda extends primer-terminal mispairs opposite nondamaged DNA templates, suggesting that it may assist in extending mismatched base pairs during normal DNA replication. In addition, pol ?may play a role in the mutagenic bypass of T-T dimers. Proliferating cell nuclear antigen (PCNA), a protein essential to DNA replication, interacts with pol lambda and thus influences the ability of pol ?to synthesize DNA.</p> |
| Gene ID: | 27343 |
| Pathways: | DNA Damage Repair , Production of Molecular Mediator of Immune Response |

Application Details

| | |
|--------------------|--|
| Application Notes: | WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500 |
| Restrictions: | For Research Use only |

Handling

| | |
|----------------|---|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |

Handling

| | |
|--------------------|--|
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |