

产品名称: POLD4 Rabbit Polyclonal Antibody  
产品货号: APRab16348



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | POLD4 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA              |
| 种属反应性 (Reactivity)     | Human,Rat,Mouse                  |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                     |
|------------------------|---------------------------------------------------------------------|
| 基因名 (Gene Name)        | POLD4 POLDS                                                         |
| 别名 (Alternative Names) | DNA polymerase delta subunit 4 (DNA polymerase delta subunit p12)   |
| 基因 ID (Gene ID)        | 57804.0                                                             |
| 蛋白 ID (SwissProt ID)   | Q9HCU8.Synthesized peptide derived from human POLD4 AA range: 43-93 |

## 产品应用 (Application)

|                          |                                                                          |
|--------------------------|--------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000 |
| 蛋白分子量 (Molecular Weight) |                                                                          |

## 研究背景 (Background)

This gene encodes the smallest subunit of DNA polymerase delta. DNA polymerase delta possesses both polymerase and

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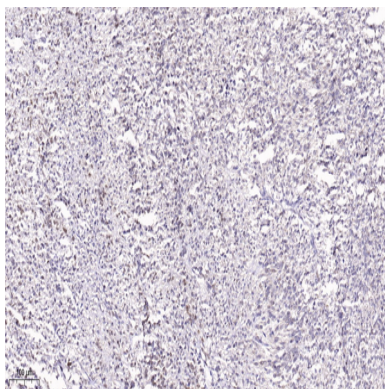


3' to 5' exonuclease activity and plays a critical role in DNA replication and repair. The encoded protein enhances the activity of DNA polymerase delta and plays a role in fork repair and stabilization through interactions with the DNA helicase Bloom syndrome protein. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Mar 2012],function:Required for optimal DNA polymerase delta activity. May contribute to PCNA-dependent activity of DNA polymerase delta.,similarity:Belongs to the DNA polymerase delta subunit 4 family.,subunit:Heterotetramer composed of subunits of 125 kDa, 50 kDa, 66 kDa and 12 kDa. Interacts with WRNIP1. Interacts with POLD4, POLD2, POLD1 and PCNA.,

### 研究领域 (Research Area)

Epigenetics and Nuclear Signaling; DNA / RNA; DNA Synthesis; DNA Polymerases

### 图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human Small intestinal stromal tumor. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight.3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

### 注意事项 (Note)

For research use only .