

## **PARP1 Antibody**

**CAB0010**

### **Description**

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This PARP1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### **Product Information**

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**SKU:** CAB0010

**Contents:** 20  $\mu$ L, 100  $\mu$ L

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** PARP, PARS, PPOL, ADPRT, ARTD1, ADPRT1, PARP-1, ADPRT 1, pADPRT-1, Poly-PARP, PARP1

**Clone:** -

**Applications:** WB IHC-P IF/ICC ELISA

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### **Antibody Data**

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**Gene ID:** 142

**Uniprot:** AB\_2756887

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 116kDa

**Calculated MW:** 113kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa, 293F, Mouse placenta

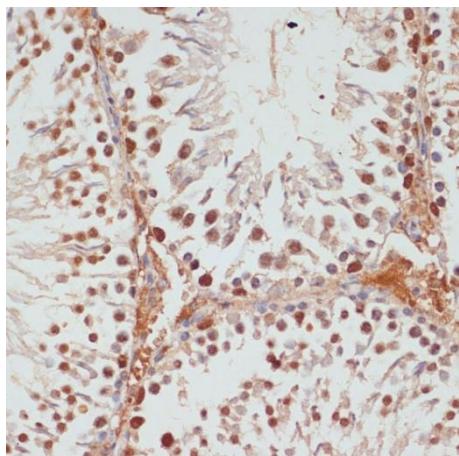
**Recommended Dilutions:**

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

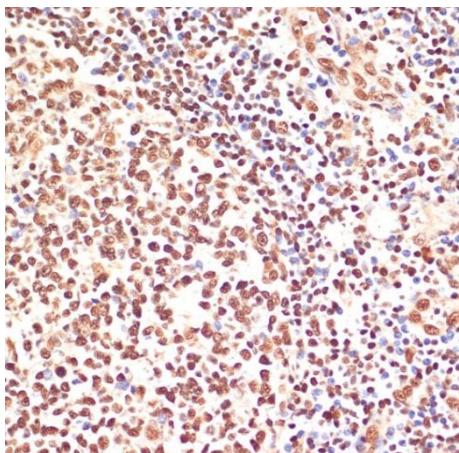
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

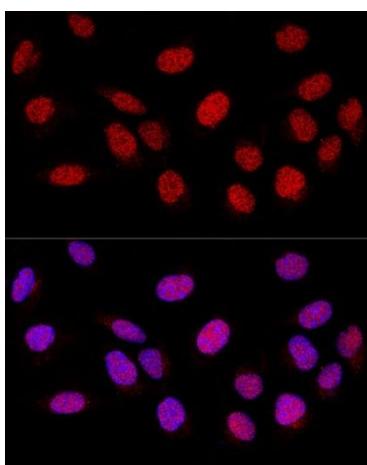
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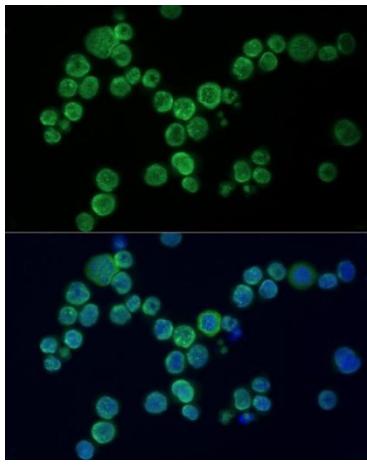
Immunohistochemistry analysis of paraffin-embedded Rat testis using PARP1 Rabbit pAb (CAB0010) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



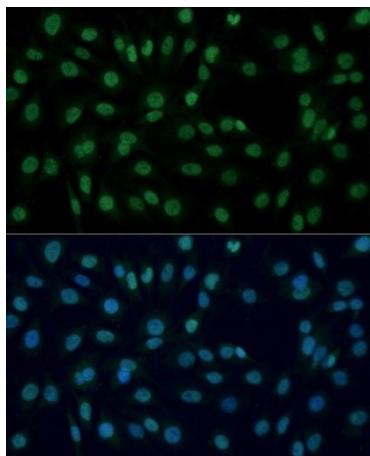
Immunohistochemistry analysis of paraffin-embedded Human tonsil using PARP1 Rabbit pAb (CAB0010) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Confocal immunofluorescence analysis of U-2 OS cells using PARP1 Rabbit pAb (CAB0010) at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using PARP1 Rabbit pAb (CAB0010) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of cells using PARP1 Rabbit pAb (CAB0010) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.