

## PARP antibody [HL1364]

**Cat. No. GTX636804**

|                     |                            |
|---------------------|----------------------------|
| <b>Host</b>         | Rabbit                     |
| <b>Clonality</b>    | Monoclonal                 |
| <b>Isotype</b>      | IgG                        |
| <b>Applications</b> | WB, ICC/IF, IHC-P, FCM, IP |
| <b>Reactivity</b>   | Human, Mouse               |

 Review ( 3 )

**Package**  
 100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:5000-1:20000       |
| ICC/IF             | Assay dependent      |
| IHC-P              | Assay dependent      |
| FCM                | Assay dependent      |
| IP                 | Assay dependent      |

Not tested in other applications.

**Observed MW (kDa)** 89 (cleaved form), 116 (Pro-form) kDa.

**Product Note** This antibody may not be suitable for mouse IHC-P assay, as its mouse reactivity is based on WB testing. It is specific for human PARP1 protein, and it does not cross react with human PARP2 and PARP3 protein.

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS  |
| <b>Preservative</b>  | No preservatives   |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1.5 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the center region of Human PARP. The exact sequence is proprietary.   |
| <b>Purification</b>  | Affinity purified by Protein A.  |
| <b>Conjugation</b>   | Unconjugated   |



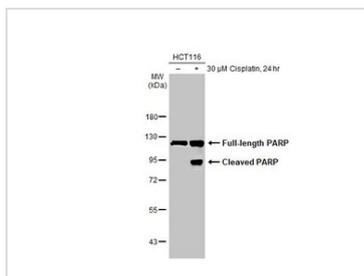
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

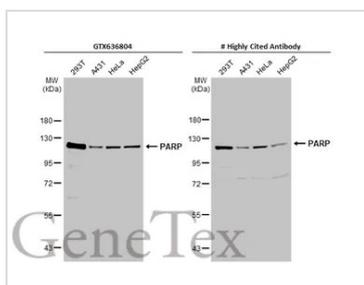
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



**GTX636804 WB Image**

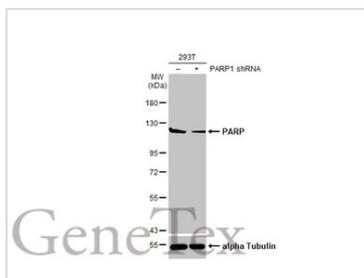
Untreated (-) and treated (+) HCT-116 whole cell extract (30 μg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PARP antibody [HL1364] (GTX636804) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX636804 WB Image**

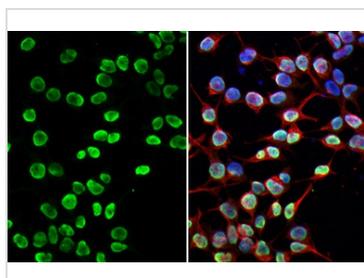
Various whole cell extracts (30 μg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with PARP antibody [HL1364] (GTX636804) diluted at 1:10000 and competitor's antibody (# Highly Cited Antibody) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

\*The competitor is not affiliated with GeneTex and does not endorse this product.



**GTX636804 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PARP antibody [HL1364] (GTX636804) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX636804 ICC/IF Image**

PARP antibody [HL1364] detects PARP protein by immunofluorescent analysis.

Sample: 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PARP stained by PARP antibody [HL1364] (GTX636804) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



For full product information, images and publications, please visit our [website](http://www.genetex.com).