

**PARP (Cleaved) Antibody**  
**Purified Rabbit Polyclonal Antibody**  
**Catalog # ABV11502****Specification**

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**PARP (Cleaved) Antibody - Product Information**

Application	WB, ICC
Primary Accession	<a href="#">P11103.3</a>
Other Accession	<a href="#">NP_031441</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

**PARP (Cleaved) Antibody - Additional Information****Other Names**

PARP1, ADPRT, PPOL, NAD(+) ADP-ribosyltransferase 1

**Target/Specificity**

PARP (Cleaved)

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti-cleaved PARP polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% thimerosal

**Handling**

The antibody solution should be gently mixed before use.

**Background Descriptions****Precautions**

PARP (Cleaved) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**PARP (Cleaved) Antibody - Protein Information****PARP (Cleaved) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PARP (Cleaved) Antibody - Images****PARP (Cleaved) Antibody - Background**

PARP, a 116 kDa nuclear poly (ADP-ribose) polymerase, is a highly conserved nuclear enzyme implicated in DNA repair and in the apoptosis response of cells. This protein can be cleaved by many caspases in vitro and is one of the main cleavage targets of caspase-3 in vivo. The cleavage occurs between ASP214 and Gly 215, which separates PARP's N-terminal DNA binding domain (24 kDa) from its C-terminal catalytic domain (89 kDa). It has been shown that cleavage of PARP facilitates cellular disassembly and inhibition of PARP cleavage attenuates apoptosis in vitro.