

## PARP polyclonal antibody

Catalog: BS91017

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

PARP, a 116 kDa nuclear poly (ADP-ribose) polymerase, appears to be involved in DNA repair in response to environmental stress. This protein can be cleaved by many ICE-like caspases in vitro and is one of the main cleavage targets of caspase-3 in vivo. In human PARP, the cleavage occurs between Asp214 and Gly215, which separates the PARP amino-terminal DNA binding domain (24 kDa) from the carboxy-terminal catalytic domain (89 kDa). PARP helps cells to maintain their viability; cleavage of PARP facilitates cellular disassembly and serves as a marker of cells undergoing apoptosis.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

113/89 kDa

### Swiss-Prot:

P09874(Human) P11103(Mouse) P27008(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

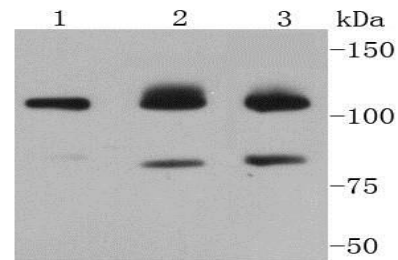
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

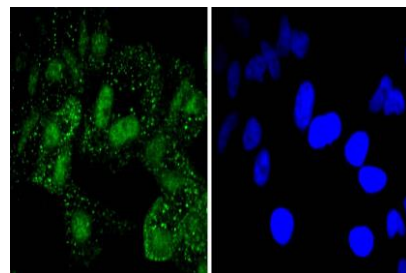
### Specificity:

PARP polyclonal antibody detects endogenous levels of PARP protein.

### DATA:



Western blot analysis of PARP on different lysates using anti-PARP antibody at 1/1,000 dilution. Positive control: Lane 1: A549 Lane 2: Jurkat Lane 3: HeLa



ICC staining PARP in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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