

## Rabbit PARP1 Polyclonal Antibody | anti-PARP1 antibody

PARP1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA240490 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

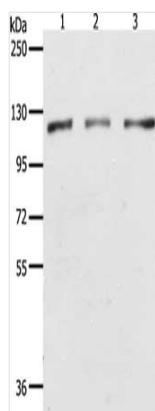
### PRODUCT SYNONYMS

PARP1; Polyclonal Antibody; PARP1 Antibody; poly (ADP-ribose) polymerase 1; anti-PARP1 antibody

### PRODUCT SPECIFICATIONS

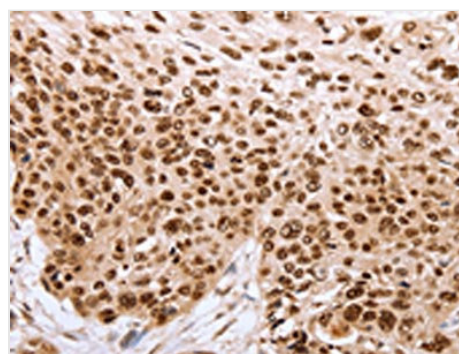
|                                                 |                                                                                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                  |
| Reactivity                                      | Human, Mouse, Rat                                                                       |
| Clonality                                       | Polyclonal                                                                              |
| Isotype                                         | IgG                                                                                     |
| Purity/Purification                             | Antigen Affinity Purification                                                           |
| Form/Format                                     | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-PARP1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                       | Synthetic peptide of human PARP1                                                        |
| Immunogen Species                               | Human                                                                                   |
| Conjugate                                       | Non-conjugated                                                                          |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



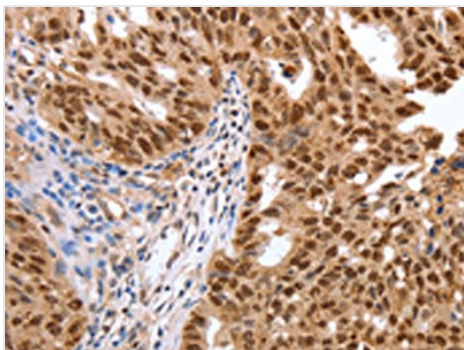
#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane 1-3: HeLa cells, K562 cells, Jurkat cells, Primary antibody: AAA240490(PARP1 Antibody) at dilution 1/350, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 second



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using AAA240490(PARP1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using AAA240490(PARP1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)

### ADDITIONAL INFORMATION

|                                                   |              |
|---------------------------------------------------|--------------|
| Product Categories/Family for anti-PARP1 antibody | Cell Biology |
|---------------------------------------------------|--------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 156523968                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 142                                                                                                                                                                                                                                                             |
| NCBI Accession #                 | NP_001609.2                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_001618.3                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P09874; Q8IUZ9; B1ANJ4                                                                                                                                                                                                                                          |
| Molecular Weight                 | 113,084 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | poly                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | poly (ADP-ribose) polymerase 1                                                                                                                                                                                                                                  |
| NCBI Official Symbol             | PARP1                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | PARP; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1                                                                                                                                                                                                     |
| NCBI Protein Information         | poly [ADP-ribose] polymerase 1; poly [ADP-ribose] polymerase 1; poly(ADP-ribose) polymerase; poly(ADP-ribose) synthetase; poly[ADP-ribose] synthase 1; poly(ADP-ribosyl)transferase; ADP-ribosyltransferase NAD(+); NAD(+) ADP-ribosyltransferase 1; poly (ADP- |
| UniProt Protein Name             | Poly [ADP-ribose] polymerase 1                                                                                                                                                                                                                                  |
| UniProt Gene Name                | <b>PARP1</b>                                                                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | ADPRT; PPOL; PARP-1; ARTD1; ADPRT 1                                                                                                                                                                                                                             |
| UniProt Entry Name               | PARP1_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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