

## Rabbit anti-Human PARP8 Polyclonal Antibody | anti-PARP8 antibody

PARP8 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA235467 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

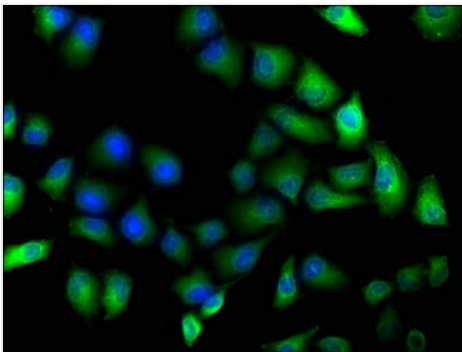
### PRODUCT SYNONYMS

PARP8; Polyclonal Antibody; PARP8 Antibody; Poly [ADP-ribose] polymerase 8; PARP-8; EC 2.4.2.30; ADP-ribosyltransferase diphtheria toxin-like 16; ARTD16; anti-PARP8 antibody

### PRODUCT SPECIFICATIONS

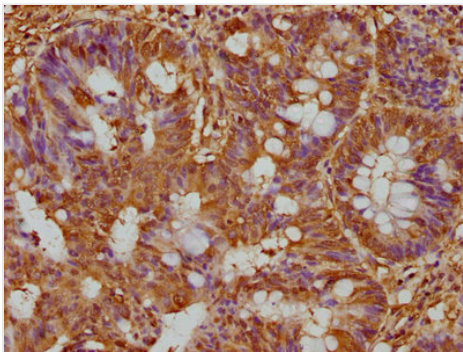
|                                                 |                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                      |
| Reactivity                                      | Human                                                                       |
| Clonality                                       | Polyclonal                                                                  |
| Isotype                                         | IgG                                                                         |
| Purity/Purification                             | >95%<br>Protein G Purified                                                  |
| Form/Format                                     | Liquid                                                                      |
| Sequence Length                                 | 854                                                                         |
| Applicable Applications for anti-PARP8 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                  |
| Immunogen Species                               | Human                                                                       |
| Immunogen                                       | Recombinant Human Poly [ADP-ribose] polymerase 8 protein (628-854AA)        |
| Conjugate                                       | Non-Conjugated                                                              |
| Preservative                                    | 0.03% Proclin 300                                                           |
| Constituents                                    | 50% Glycerol, 0.01M PBS, pH 7.4                                             |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze. |

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of Hela cells with CSB-PA847623LA01HU at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of CSB-PA847623LA01HU diluted at 1:300 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| Product Categories/Family for anti-PARP8 antibody | Epigenetics and Nuclear Signaling |
|---------------------------------------------------|-----------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 295844829                                                                                                                    |
| NCBI GeneID                      | 79668                                                                                                                        |
| NCBI Accession #                 | NP_001171526.1                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_001178055.1                                                                                                               |
| UniProt Accession #              | Q8N3A8; Q3KRB7; Q6DHz1; Q9H754                                                                                               |
| Molecular Weight                 | 91,158 Da                                                                                                                    |
| NCBI Official Full Name          | poly                                                                                                                         |
| NCBI Official Synonym Full Names | poly(ADP-ribose) polymerase family member 8                                                                                  |
| NCBI Official Symbol             | PARP8                                                                                                                        |
| NCBI Official Synonym Symbols    | ARTD16; pART16                                                                                                               |
| NCBI Protein Information         | protein mono-ADP-ribosyltransferase PARP8; poly [ADP-ribose] polymerase 8                                                    |
| UniProt Protein Name             | Protein mono-ADP-ribosyltransferase PARP8                                                                                    |
| UniProt Gene Name                | PARP8                                                                                                                        |
| UniProt Synonym Gene Names       | ARTD161 PublicationManual assertion based on opinion iniRef.4; PARP-81 PublicationManual assertion based on opinion iniRef.4 |

**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.