

## PARP2 Knockout cell line(A549)

**Catalog Number:** KO00627

| Product Information        |   |
|----------------------------|---|
| Product Name               | PARP2 Knockout cell line(A549)  |
| specification              | 1*10 <sup>6</sup>   |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.  |
| Cell morphology            | Epithelioid, adherent cell  |
| Passage ratio              | 1:3~1:4   |
| species                    | Human   |
| Gene                       | PARP2   |
| Gene ID                    | 10038   |
| Build method               | Electric rotation method / virus method   |
| Mycoplasma testing         | Negative  |
| Cultivation system         | 90% F12K+10% FBS  |
| Parental Cell Line         | A549  |
| Quality Control            | Genotype: PARP2 Knockout cell line(A549) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins. |

| Gene Information        |   |
|-------------------------|---|
| Gene Official Full Name | poly(ADP-ribose) polymerase 2 provided by HGNC  |
| Also known as           | ARTD2; ADPRT2; PARP-2; ADPRTL2; ADPRTL3; pADPRT-2   |
| Gene Description        | This gene encodes poly(ADP-ribosyl)transferase-like 2 protein, which contains a catalytic domain and is capable of catalyzing a poly(ADP-ribosyl)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. The basic residues within the N-terminal region of this protein may bear potential DNA-binding properties, and may be involved in the nuclear and/or nucleolar targeting of the protein. Two alternatively spliced transcript variants encoding distinct isoforms have been found. [provided by RefSeq, Jul 2008] |
| Expression              | Ubiquitous expression in brain (RPKM 14.3), testis (RPKM 13.0) and 25 other tissues See more  |