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# **Recombinant PARP2 Monoclonal Antibody**

catalog number: AN302063L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity Human;

**Immunogen** Peptide. This information is proprietary to PTMab.

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A783

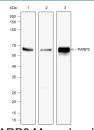
**Purification** Protein A purified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

# Applications Recommended Dilution

**WB** 1:1000

#### Data



Western Blot with PARP2 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: MDA-MB-231, Lane 3: 293T

Observed-MW:66 kDa Calculated-MW:66 kDa

# **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

# **Background**

PARP2, also named as ADPRT2 and ADPRTL2, is involved in the base excision repair (BER) pathway, by catalyzing the poly(ADPribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. PARP2 initiates the repair of double-strand DNA breaks: recognizes and binds DNA breaks within chromatin and recruits HPF1, licensing serine ADP-ribosylation of target proteins, such as histones, thereby promoting decompaction of chromatin and the recruitment of repair factors leading to the reparation of DNA strand break.

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