

Product Datasheet

PARP Antibody



Catalog No: CY6850

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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Information

UniProt ID: P09874

All Names: ADP-ribosyltransferase 1; poly (ADP-ribose) pol; poly [ADP-ribose] polymerase 1; poly[ADP-ribose] synthetase 1; PPOL; ADPRT; ADPRT1; pADPRT-1; PARP; PARP-1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 113,89 kDa

Application

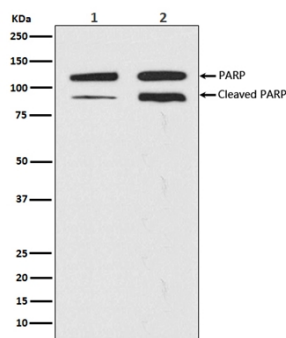
WB 1:500~1:1000

IHC 1:100~1:500

ICC/IF 1:50~1:200

Background

Involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks.



Western blot analysis of PARP expression in (1) HeLa cell lysate; (2) HeLa cell lysate treated with staurosporine.

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