

Product Datasheet

PARP Antibody



Catalog No: CY5347

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC

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Information

UniProt ID: P09874

All Names: ADPRT; ADP-Ribosyltransferase; CPP32; PARP; PARP1; SCA1; PPOL; YAMA;

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

Specificity: This antibody is specific for p85 cleaved form of PARP.

Molecular Wt.: 25,120 kDa

Application

WB: 1:500~1:2000

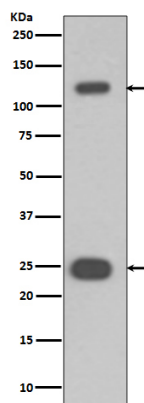
IHC: 1:50~1:100

ICC/IF: 1:50~1:200

FC:1:50

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. Mediates the poly(ADP-ribosyl)ation of APLF and CHFR. Positively regulates the transcription of MTUS1 and negatively regulates the transcription of MTUS2/TIP150.



Western blot analysis of PARP expression in Jurkat cell lysate.

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