German Research Products - GRP GmbH

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Product Datasheet

PARP antibody [N2C1], Internal GRP54

Description This gene encodes a chromatin-associated enzyme,

poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosyl)ation. The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes.

[provided by RefSeq, Jul 2008]

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications ChIP, ICC, IF, IHC-P, IP, WB

Immunogen Recombinant protein encompassing a sequence within the cente

region of human PARP1. The exact sequence is proprietary.

Form/Appearance Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300

was added as a preservative.

Concentration 0.23 mg/ml

Storage Store as concentrated solution. Centrifuge briefly prior to opening

vial. For short-term storage (1-2 weeks), store at 4°C. For

long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Note For research use only.

Isotype IgG

Clonality Polyclonal

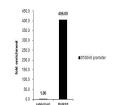
Purity Purified by antigen-affinity chromatography.

Uniprot ID P09874

Entrez 142

Dilution Range WB: 1:500-1:20000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000,IP:

1:100-1:500



Cross-linked ChIP was performed with Raji chromatin extract and 5 ?g of either control rabbit IgG or anti-PARP1 antibody. The precipitated DNA was detected by PCR with primer set targeting to \$100A9 promoter.



PARP1 antibody [N2C1],
Internal detects PARP1
protein
at nucleus on HeLa
xenograft
by immunohistochemical
analysis. Sample:
Paraffin-embedded HeLa
xenograft. PARP1 antibody
[N2C1], Internal (GRP506)
dilution: 1:500.