

Recombinant**DGRmAb®****PARP1 (DGR14196) Rabbit mAb****db11121****Package : 10µL 20µL 50µL 100µL****Product Name :** PARP1 (DGR14196) Rabbit mAb**Cat.No.:** db11121**Synonyms :** PARP; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1**Application :** WB, IHC-P, ICC/IF**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosylation). 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]

Immunogen

A synthetic peptide of human PARP1

Gene ID

142

Swiss Prot

P09874

Synonyms

PARP; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:1000

IHC-P: 1:200-1:1000

ICC/IF: 1:200-1:500

Calculated MW

113 kDa

Observed MW

116,89 kDa

Host species

Rabbit

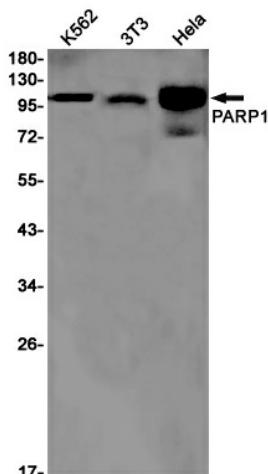
Clonality

Monoclonal

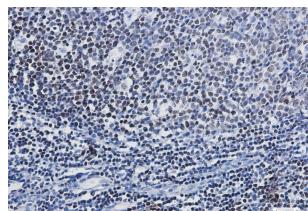
Clonality No.

DGR14196

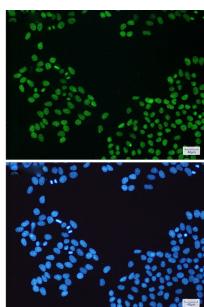
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of PARP1 in K562,3T3,HeLa cell lysates using PARP1 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using db11121 antibody.



Immunofluorescent analysis of HeLa cells using db11121 antibody (green), and DAPI (blue).