

## PARP-1 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP12793
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human PARP-1.
Mol wt	113084
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Poly [ADP-ribose] polymerase 1
Synonyms	Poly [ADP-ribose] polymerase 1; PARP1; ADPRT; PPOL; Poly [ADP-ribose; polymerase 1; PARP-1; ADP-ribosyltransferase diphtheria toxin-like 1; ARTD1; NAD <sup>+</sup> ADP-ribosyltransferase 1; ADPRT 1; Poly[ADP-ribose; synthase 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

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

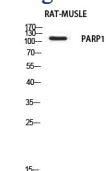
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western blot analysis of RAT-MUSCLE using PARP1 antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year