Recombinant Cleaved PARP1 Monoclonal Antibody

catalog number: **AN301380L**

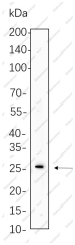
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Cleaved PARP1 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111003
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:200-1000
WB	1:500-5000
IF	1:200-1000
ELISA	1:5000-20000

Data



Western Blot with Recombinant Cleaved PARP1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: RAW264.7 cell lysate.

Observed-MW:25 kDa

Calculated-MW:25 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

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.

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