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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
 IgG,κ

 Clone
 B1147

 Purification
 Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:500-5000

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 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.