Product Name: PARP1 Mouse Monoclonal Antibody
Catalog #: AMM85021

Summary

Production Name	PARP1 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	PARP1
Alternative Names	PARP1; ADPRT; PPOL; Poly [ADP-ribose] polymerase 1; PARP-1; ADP-ribosyltransferase diphtheria toxin-like 1; ARTD1; NAD(+) ADP-ribosyltransferase 1; ADPRT 1; Poly[ADP-ribose] synthase 1
Gene ID	142.0
SwissProt ID	P09874.Synthetic Peptide of Cleaved PARP

Application

Dilution Ratio	WB:1:500-1:1000,IHC:1:50-1:100
Molecular Weight	Calculated MW: 113 kDa; Observed MW: 116 kDa

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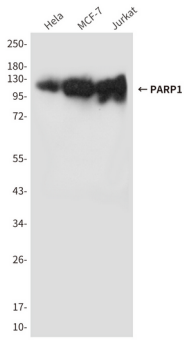
Background

Involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks.

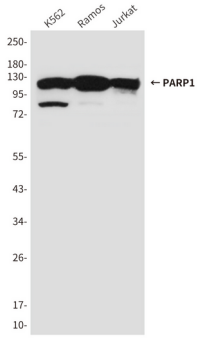
Research Area

Apoptosis

Image Data



Western blot analysis of PARP1 in Hela, MCF-7 and Jurkat lysates using PARP antibody.



Western blot analysis of PARP1 in K562, Ramos, Jurkat lysates using PARP (1C2) antibody.

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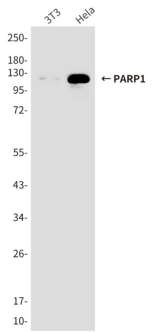
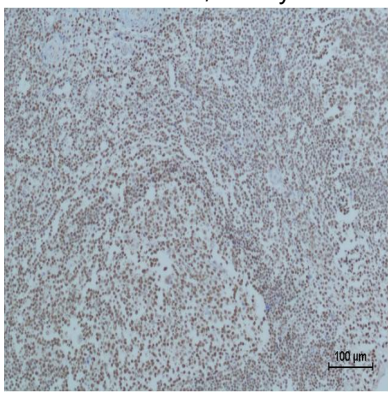


Western blot analysis of PARP1 in 3T3, Hela lysates using PARP1 antibody



Immunohistochemistry analysis of paraffin-embedded Human Tonsil Tissue using Cleaved PARP antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.