Product Name: PARP1 (7A1) Mouse Monoclonal Antibody
Catalog #: AMM03585

Summary

Production Name	PARP1 (7A1) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat,Chicken

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	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	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
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
SwissProt ID	P09874.

Application

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

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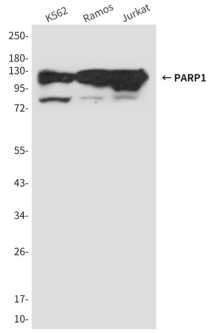
Background

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.

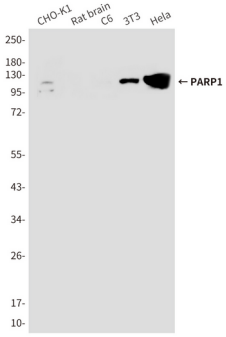
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of PARP in K562, Ramos, Jurkat lysates using PARP (7A1) antibody.



Western blot analysis of PARP1 (7A1) in CHO-K1, rat brain, C6, 3T3, Hela lysates using PARP (7A1) antibody.

Note

For research use only.