

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

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat,Other
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	PARP1 PARP1; ADPRT; PPOL; Poly [ADP-ribose] polymerase 1; PARP-1; ADP-ribosyltransferase
Alternative Names	diphtheria toxin-like 1; ARTD1; NAD(+) ADP-ribosyltransferase 1; ADPRT 1; Poly[ADP-ribose] synthase 1
Gene ID	142
SwissProt ID	P09874
Immunogen	A synthetic peptide of human PARP

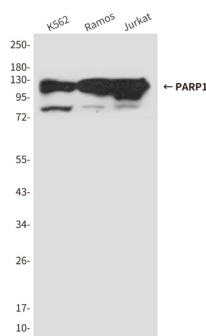
Background

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.

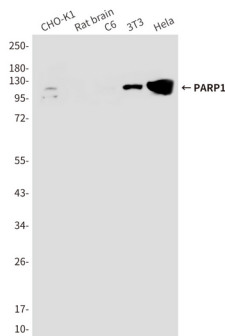
Research Area

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.