

Anti-PARP1 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M013392

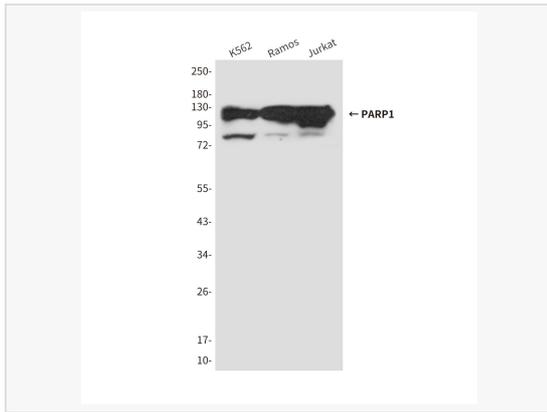
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse (Cell), Rat, Chicken
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	12L80M94
Isotype	IgG1
Label	Unconjugated
Immunogen	Synthetic Peptide of PARP
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PARP1 antibody [12L80M94] is for research use only and not for use in diagnostic or therapeutic procedures.

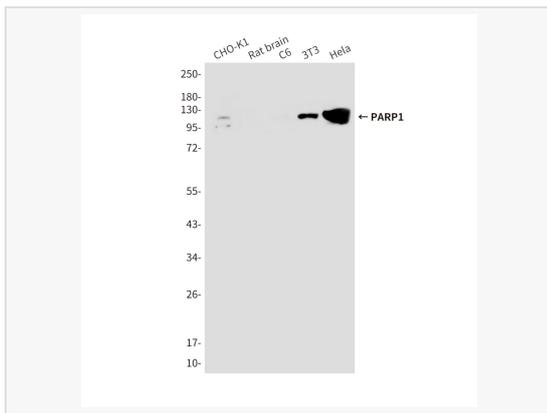
Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 113 kDa; Observed MW: 116 kDa
Uniprot ID	P09874
Gene ID	142
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.

Validation Images



Western blot analysis of PARP in K562, Ramos, Jurkat lysates using PARP antibody [12L80M94].



Western blot analysis of PARP1 in CHO-K1, rat brain, C6, 3T3, HeLa lysates using PARP antibody [12L80M94].