Anti-Cleaved-PARP1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R012387

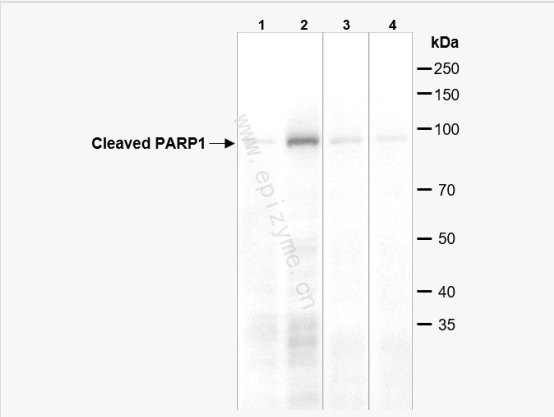
Product Information

Application	ELISA, WB
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	11L11K72
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Cleaved PARP1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-Cleaved-PARP1 Rabbit mAb [11L11K72] is for research use only and not for use in diagnostic or therapeutic procedures.

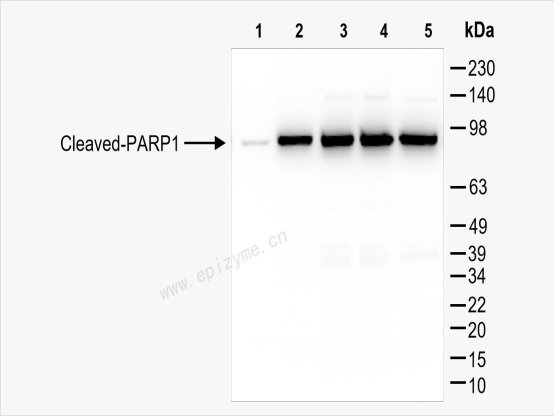
Protein Information

Synonyms	ADP ribosyltransferase diphtheria toxin like 1, ADP ribosyltransferase NAD(+), ADP-ribosyltransferase diphtheria toxin-like 1, ADPRT 1, ADPRT, ADPRT1, APOPAIN, ARTD1, NAD(+) ADP-ribosyltransferase 1, PARP, PARP-1, PARP1, PARP1_HUMAN, Poly [ADP-ribose] polymerase 1 (PARP-1), Poly [ADP-ribose] polymerase 1, Poly ADP ribose polymerase 1, Poly(ADP ribose) polymerase, Poly[ADP-ribose] synthase 1, PPOL.
Calculated MW	Calculated MW: 89 kDa; Observed MW: 89 kDa
Uniprot ID	P09874
Gene ID	142
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. [provided by RefSeq, Jul 2008]

Validation Images



Western Blot - Anti-Cleaved-PARP1 Rabbit mAb [11L11K72]
All lanes: R012387 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: Jurkat (Human T lymphocytic leukemia cell) whole cell lysates
Lane 3: SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 89 kDa
Observed band size: 89 kDa
Developed using the ECL technique (Cat. No. SQ201).



Western Blot - Anti-Cleaved-PARP1 Rabbit mAb [11L11K72]
All lanes: R012387 at 1:1,000 dilution
Lane 1 : Jurkat (human T-cell leukemia cell) whole cell lysates
Lane 2 : Jurkat treated with 1 µM Staurosporine for 1 h whole cell lysates
Lane 3 : Jurkat treated with 1 µM Staurosporine for 2 h whole cell lysates
Lane 4 : Jurkat treated with 1 µM Staurosporine for 3 h whole cell lysates
Lane 5 : Jurkat treated with 1 µM Staurosporine for 4 h whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 89 kDa
Observed band size: 89 kDa
Developed using the ECL technique (Cat. No. SQ201).