Anti-Cleaved-PARP1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R013840

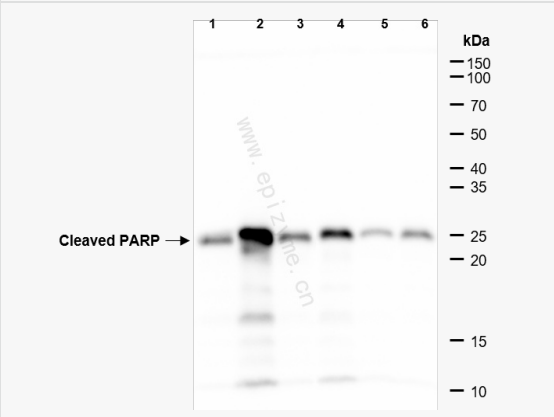
Product Information

Application	ELISA, WB
Reactivity	Mouse, Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	72B40L26
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 [72B40L26] is for research use only and not for use in diagnostic or therapeutic procedures.

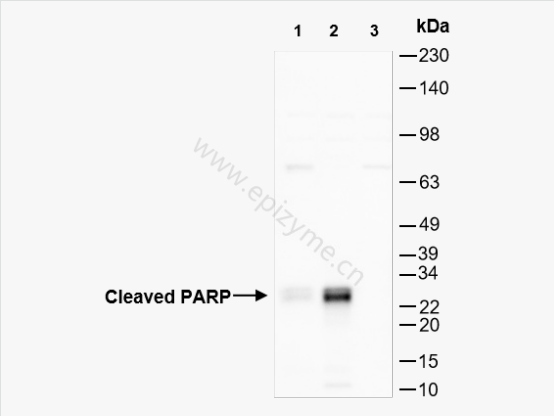
Protein Information

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: 25 kDa; Observed MW: 25 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.
Cellular Location	Nucleus. Nucleus, nucleolus. Localizes at sites of DNA damage.

Validation Images



Western Blot - Anti-Cleaved-PARP1 Rabbit mAb [72B40L26]
All lanes: R013840 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: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 5: 293T (Human embryonic kidney cell) whole cell lysates
Lane 6: 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: 25 kDa
Observed band size: 25 kDa
Developed using the ECL technique (Cat. No. SQ201).



Western Blot - Anti-Cleaved-PARP1 Rabbit mAb [72B40L26]
All lanes: R013840 at 1:1,000 dilution
Lane 1: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 2: Raw264.7 (Mouse mononuclear macrophage leukemia cell)whole cell lysates
Lane 3: PC-12(Rat adrenal pheochromocytoma 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: 25 kDa
Observed band size: 25 kDa
Developed using the ECL technique (Cat. No. SQ201).