

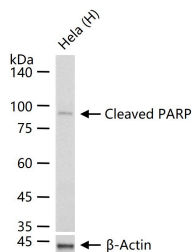
Anti-PARP1 Antibody (5J827)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 89/113 kDa. Actual: 80-110 kDa.
Clone:	5J827
Purification:	Protein A purified

Applications

Verified Activity: 25 µg total protein per Lane of various lysates probed with Cleaved PARP monoclonal antibody, unconjugated (TMAB-01333) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.



Application: FCM,ICC/IF,IF,IHC-Fr,IHC-P,WB
 Recommended FCM=1:50-100; ICC/IF=1:50-200; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
 Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human PARP 1
 Antigen Species: Human
 Gene ID: 142
 Uniprot ID: P09874
 Synonyms: PARP-1;ARTD1;pADPRT-1;ADPRT;ADPRT1;PARP;poly (ADP-ribose) polymerase 1;PPOL
 Biology Area: ADP-ribosylation,Base Excision Repair,DNA Damage Recognition

Research 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

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be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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