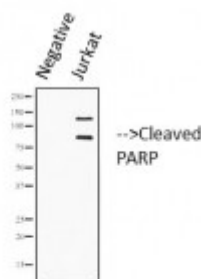


Anti-Cleaved PARP antibody



Western Blot (WB) analysis of Jurkat cells using Cleaved PARP Monoclonal Antibody. (STJ97047)



Description

Cleaved-PARP-1 is a protein encoded by the PARP1 gene which is approximately 113 kDa. Cleaved-PARP-1 is localised to the nucleus. It is involved in telomere C-strand synthesis, transcription-coupled nucleotide excision repair and survival caspase cascades. It is a chromatin-associated enzyme, which modifies various nuclear proteins by poly(ADP-ribosyl)ation. The modification is DNA dependent and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation. It also plays a role in the regulation of the molecular events involved in the recovery of cell from DNA damage. Cleaved-PARP-1 is expressed in the nervous system, liver, intestine, lung and eye. Mutations in the PARP1 gene may result in diphtheria and hemorrhagic cystitis. The antibody STJ97047 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels Cleaved-PARP-1.

Model	STJ97047
Host	Mouse
Reactivity	Human
Applications	WB
Immunogen	Synthetic Peptide
Gene ID	142
Gene Symbol	PARP1
Dilution range	WB 1:2000-5000
Specificity	The antibody detects endogenous pro and active PARP protein.

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