

Anti-PARP1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

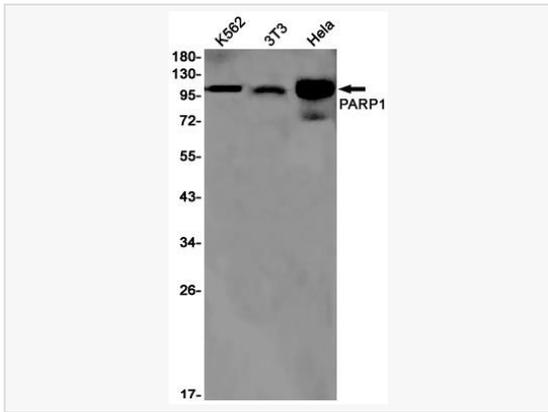
Catalog # R012222

Product Information

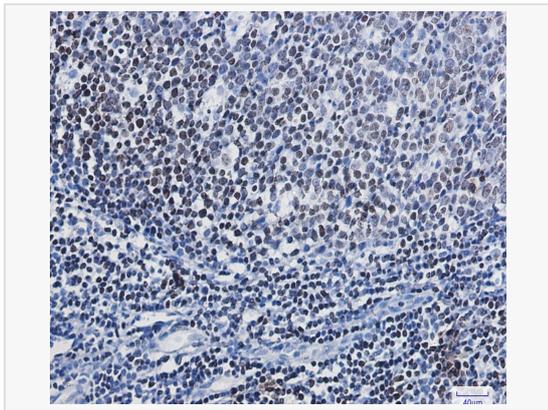
Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Rat, Human, Mouse
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	17K06L41
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human PARP1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA 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 [17K06L41] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

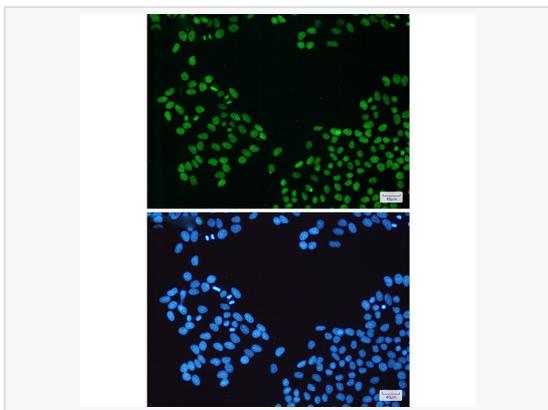
Synonyms	PARP1, ADPRT, PPOL, Poly [ADP-ribose] polymerase 1, PARP-1, ADP-ribosyltransferase diphtheria toxin-like 1, ARTD1, NAD(+) ADP-ribosyltransferase 1, ADPRT 1, Poly[ADP-ribose] synthase 1.
Calculated MW	Calculated MW: 113 kDa; Observed MW: 116,89 kDa
Uniprot ID	P09874
Gene ID	142
Background	Involved 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.



Western blot analysis of PARP1 in K562, 3T3, HeLa lysates using PARP1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using PARP1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of PARP1 (green) in HeLa using PARP1 antibody and DAPI (blue)