



PARP-2 rabbit pAb

Cat No.:ES4413

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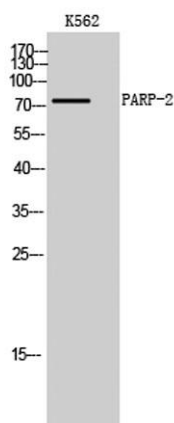
Overview

Product Name	PARP-2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PARP2. AA range:151-200
Specificity	PARP-2 Polyclonal Antibody detects endogenous levels of PARP-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Poly [ADP-ribose] polymerase 2
Gene Name	PARP2
Cellular localization	Nucleus . Chromosome . Recruited to DNA damage sites. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	75kD
Human Gene ID	10038
Human Swiss-Prot Number	Q9UGN5
Alternative Names	PARP2; ADPRT2; ADPRTL2; Poly [ADP-ribose] polymerase 2; PARP-2; hPARP-2; ADP-ribosyltransferase diphtheria toxin-like 2; ARTD2; NAD(+) ADP-ribosyltransferase 2; ADPRT-2; Poly[ADP-ribose] synthase 2; pADPRT-2
Background	This gene encodes poly(ADP-ribosyl)transferase-like 2 protein, which contains a catalytic domain and is





capable of catalyzing a poly(ADP-ribosyl)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. The basic residues within the N-terminal region of this protein may bear potential DNA-binding properties, and may be involved in the nuclear and/or nucleolar targeting of the protein. Two alternatively spliced transcript variants encoding distinct isoforms have been found. [provided by RefSeq, Jul 2008],



Western Blot analysis of K562 cells using PARP-2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

