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anti-PARP2 antibody





Overview

Quantity:	100 μL
Target:	PARP2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PARP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	PARP2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human PARP2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PARP2
Alternative Name:	PARP2 (PARP2 Products)
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],ADPRT2, ADPRTL2, ADPRTL3, ARTD2, PARP-2, pADPRT-2,Cell Biology & Developmental Biology,Cell Cycle,Cell Cycle_Centrosome,DNA Damage & Repair,Epigenetics & Nuclear Signaling,PARP2

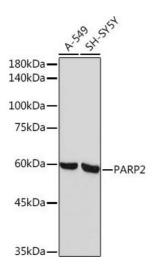
Molecular Weight:	66kDa
Gene ID:	10038
UniProt:	Q9UGN5
Pathways:	DNA Damage Repair

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using P Rabbit mAb (ABIN7269441) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.