Datasheet for ABIN7596081

anti-PARP2 antibody (AA 233-583)

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Overview

Quantity:	100 µL
Target:	PARP2
Binding Specificity:	AA 233-583
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Human PARP2 antibody
Immunogen:	Recombinant human PARP2 (233-583aa) purified from E. coli
Clone:	AT29G4
Isotype:	IgG2b kappa
Purification:	protein-A affinity chromatography

Target Details

Target:	PARP2
Alternative Name:	PARP2 (PARP2 Products)
Background:	PARP2 is poly (ADP-ribosyl) transferase-like 2 protein, which contains a catalytic domain and is

Target Details

	capable ofcatalyzing a poly (ADP-ribosyl) ation reaction. This protein has a catalytic domain which is homologous to thatof poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminalcatalytic domain of poly (ADP-ribosyl) transferase. The basic residues within the N-terminal region of thisprotein may bear potential DNA-binding properties, and may be involved in the nuclear and/or nucleolar targetingof the protein. Two alternatively spliced transcript variants encoding distinct isoforms have been found.
NCBI Accession:	NP_005475
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycero
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:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.