Datasheet for ABIN7163751

anti-PARP3 antibody (AA 1-240)

3 Images

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Overview

Quantity:	100 µg
Target:	PARP3
Binding Specificity:	AA 1-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARP3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Recombinant Human Poly [ADP-ribose] polymerase 3 protein (1-240AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PARP3
Alternative Name:	PARP3 (PARP3 Products)
Background:	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

Target Details

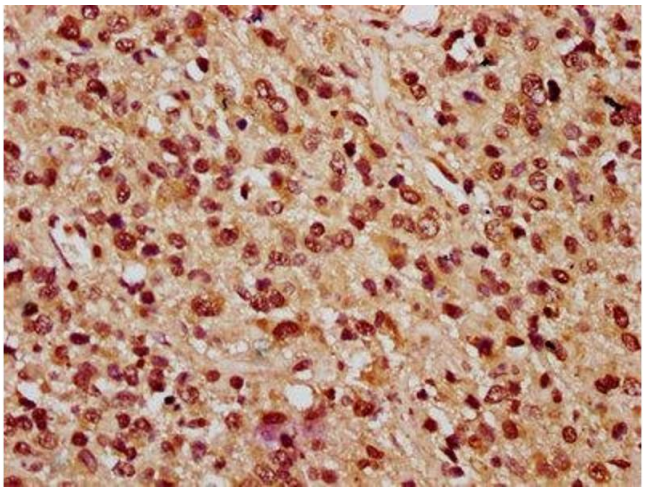
	DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks. May link the DNA damage surveillance network to the mitotic fidelity checkpoint. Negatively influences the G1/S cell cycle progression without interfering with centrosome duplication. Binds DNA. May be involved in the regulation of PRC2 and PRC3 complex-dependent gene silencing. Aliases: ADP ribosyltransferase (NAD+, poly (ADP ribose) antibody, ADP ribosyltransferase diphtheria toxin like 3 antibody, ADPRT-3 antibody, ADPRT3 antibody, ADPRTL2 antibody, ADPRTL3 antibody, ARTD3 antibody, hPARP 3 antibody, hPARP-3 antibody, hPARP3 antibody, IRT 1 antibody, IRT1 antibody, NAD(+) ADP ribosyltransferase 3 antibody, NAD(+) ADP-ribosyltransferase 3 antibody, NAD+ ADP ribosyltransferase 3 antibody, pADPRT 3 antibody, pADPRT-3 antibody, pADPRT3 antibody, PARP 3 antibody, PARP-3 antibody, PARP3 antibody, PARP3_HUMAN antibody, Poly (ADP ribose) polymerase family, member 3 antibody, Poly (ADP ribose) synthetase 3 antibody, Poly [ADP-ribose] polymerase 3 antibody, Poly[ADP ribose] synthetase 3 antibody, Poly[ADP-ribose] synthase 3 antibody
UniProt:	Q9Y6F1

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only

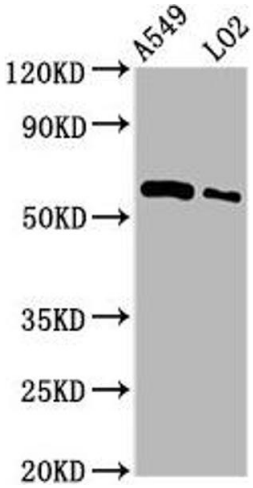
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



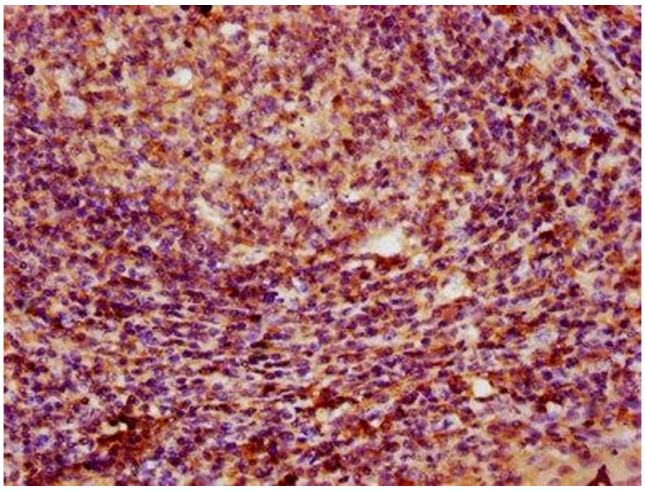
Immunohistochemistry

Image 1. IHC image of ABIN7163751 diluted at 1:100 and staining in paraffin-embedded human glioma performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate, LO2 whole cell lysate All lanes: PARP3 antibody at 3.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 61 kDa Observed band size: 61 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7163751 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.