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Datasheet for ABIN873020 **anti-PARP3 antibody (AA 301-400)**

Overview

Quantity:	100 µL
Target:	PARP3
Binding Specificity:	AA 301-400
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARP3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PARP3
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PARP3
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Target Details

Alternative Name:	PARP3 (PARP3 Products)
Background:	<p>Synonyms: hPARP3, IRT1, NAD+ ADP ribosyltransferase 3, pADPRT 3, Poly[ADP ribose] synthetase 3, ADP ribosyltransferase NAD+, poly ADP ribose, ADPRT-3, ADPRT3, ADPRTL2, ADPRTL3, hPARP 3, hPARP-3, IRT 1, IRT1, NAD+ ADP-ribosyltransferase 3, NAD+ ADP ribosyltransferase 3, pADPRT-3, pADPRT3, PARP 3, PARP-3, PARP3, Poly ADP ribose polymerase family, member 3, Poly ADP ribose synthetase 3, Poly [ADP-ribose] polymerase 3, Poly[ADP-ribose] synthase 3.</p> <p>Background: Involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribose)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. 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. Tissue specificity: Widely expressed, the highest levels are in the kidney, skeletal muscle, liver, heart and spleen, also detected in pancreas, lung, placenta, brain, leukocytes, colon, small intestine, ovary, testis, prostate and thymus.</p>
Gene ID:	10039

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months