Datasheet for ABIN910107

anti-PARP3 antibody (AA 301-400) (AbBy Fluor® 350)

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Overview

Quantity:	100 µL
Target:	PARP3
Binding Specificity:	AA 301-400
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARP3 antibody is conjugated to AbBy Fluor® 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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
Alternative Name:	PARP3 (PARP3 Products)

Target Details

Background:	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. 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 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.
Gene ID:	10039

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months