Datasheet for ABIN521952

anti-PARG antibody (AA 1-976)

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Overview

Quantity:	50 µg
Target:	PARG
Binding Specificity:	AA 1-976
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PARG antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human PARG protein.
Immunogen:	PARG (NP_003622.2, 1 a.a. ~ 976 a.a) full-length human protein.
Sequence:	MNAGPGCEPC TKRPRWGAAT TSPAASDARS FPSRQRRVLD PKDAHVQFRV PPSSPACVPG RAGQHRGSAT SLVFKQKTIT SWMDTKGIKT AESESLDSKE NNNTRIESMM SSVQKDNFYQ HNVEKLENVS QLSLDKSPTE KSTQYLNQHQ TAAMCKWQNE GKHTEQLLES EPQTVTLVPE QFSNANIDRS PQNDDHSDTD SEENRDNQQF LTTVKLANAK QTTEDEQARE AKSHQKCSKS CDPGEDCASC QQDEIDVVPE SPLSDVGSED VGTGPKNDNK LTRQESCLGN SPPFEKESEP ESPMDVDNSK NSCQDSEADE ETSPGFDEQE DGSSSQTANK PSRFQARDAD IEFRKRYSTK GGEVRLHFQF EGGESRTGMN DLNAKLPGNI SSLNVECRNS KQHGKKDSKI TDHFMRLPKA EDRRKEQWET KHQRTERKIP KYVPPHLSPD KKWLGTPIEE MRRMPRCGIR LPLLRPSANH TVTIRVDLLR AGEVPKPFPT HYKDLWDNKH VKMPCSEQNL YPVEDENGER TAGSRWELIQ TALLNKFTRP QNLKDAILKY NVAYSKKWDF TALIDFWDKV LEEAEAQHLY QSILPDMVKI

Product Details

	ALCLPNICTQ PIPLLKQKMN HSITMSQEQI ASLLANAFFC TFPRRNAKMK SEYSSYPDIN FNRLFEGRSS RKPEKLKTLF CYFRRVTEKK PTGLVTFTRQ SLEDFPEWER CEKPLTRLHV TYEGTIEENG QGMLQVDFAN RFVGGGVTSA GLVQEEIRFL INPELIISRL FTEVLDHNEC LIITGTEQYS EYTGYAETYR WSRSHEDGSE RDDWQRRCTE IVAIDALHFR RYLDQFVPEK MRRELNKAYC GFLRPGVSSE NLSAVATGNW GCGAFGGDAR LKALIQILAA AAAERDVVYF TFGDSELMRD IYSMHIFLTE RKLTVGDVYK LLLRYYNEEC RNCSTPGPDI KLYPFIYHAV ESCAETADHS GQRTGT
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	PARG
Alternative Name:	PARG (PARG Products)
Background:	Full Gene Name: poly (ADP-ribose) glycohydrolase Synonyms: PARG99
Gene ID:	8505
NCBI Accession:	NM_003631

Application Details

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

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

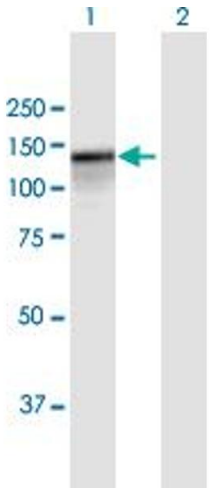
Product cited in:	Boudra, Bolin, Chiker, Fouquin, Zaremba, Vaslin, Biard, Cordelières, Mégnin-Chanet, Favaudon, Fernet, Pennaneach, Hall: "PARP-2 depletion results in lower radiation cell survival but cell line-

Publications

specific differences in poly(ADP-ribose) levels." in: **Cellular and molecular life sciences : CMLS**, Vol. 72, Issue 8, pp. 1585-97, (2015) (PubMed).

Arena, Mistretta, Di Natale, Mennella, De Santo, De Maio: "Characterization and role of poly(ADP-ribosyl)ation in the Mediterranean species Cistus incanus L. under different temperature conditions." in: **Plant physiology and biochemistry : PPB / Société française de physiologie végétale**, Vol. 49, Issue 4, pp. 435-40, (2011) (PubMed).

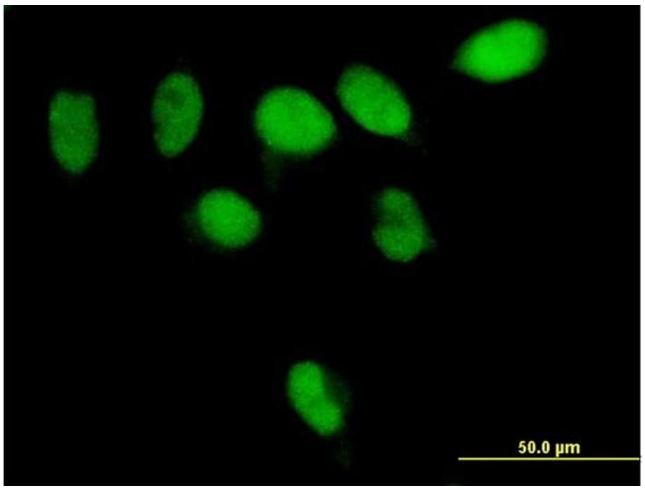
Images



Western Blotting

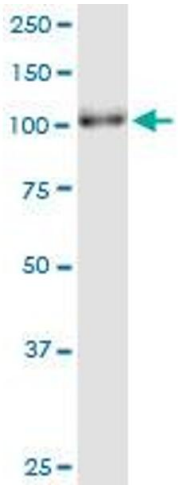
Image 1. Western Blot analysis of PARG expression in transfected 293T cell line by PARG MaxPab polyclonal antibody.

Lane 1: PARG transfected lysate(107.36 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Image 2. Immunofluorescence of purified MaxPab antibody to PARG on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 3. PARG MaxPab polyclonal antibody. Western Blot analysis of PARG expression in Hela S3 NE.

