For Research Use Only

PARP1 Polyclonal antibody

Catalog Number:22999-1-AP

Featured Product

7 Publications

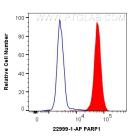


GeneID (NG 142 UNIPROT II PO9874 Full Name: poly (ADP- og Number: Calculated 1014 aa, 11 Observed N 113-116 kD S: C (Intra), IP, ELISA S: /: rested antigen retrieval w 0; (*) Alternatively, antig	ICBI): Recom WB 1:2 ID: IP 0.5-/ proteir IHC 1:5 Pribose) polymerase 1 d MW: L13 kDa MW: Da Positive Controls: WB : HEK-293 cells, Ju IP : K-562 cells, IHC : human lung cand tissue IF/ICC : Neuro-2a cell with gen	cer tissue, human breast canco
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be performed with citrate		
he normal function of PARP1 is ed into an 85 to 89-kDa COOH le apoptotic process. The appea itosis. In addition to caspases, c es (MMPs) have also been repor	lear enzyme catalyzing the poly(AI s the routine repair of DNA damage I-terminal fragment and a 24-kDa N arance of PARP fragments is commo other proteases like calpains, cathe rted to cleave PARP1 and gave rise N-terminal region of human PARP1	Activated by DNA strand bre NH2-terminal peptide by only considered as an importa epsins, granzymes and matrix to fragments ranging from 42
Pubmed ID	Journal	Application
35648484	Nucleic Acids Res	WB
28938551	Oncotarget	WB
32194406	Front Pharmacol	WB
	35648484 28938551	35648484Nucleic Acids Res28938551Oncotarget

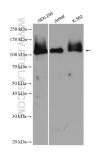
For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

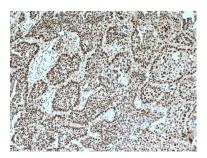
Selected Validation Data



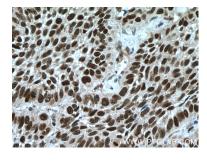
1X10^6 K-562 cells were intracellularly stained with 0.4 ug Anti-Human PARP1 (22999-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



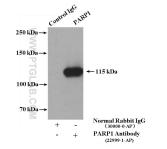
Various lysates were subjected to SDS PAGE followed by western blot with 22999-1-AP (PARP1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 22999-1-AP (PARP1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 22999-1-AP (PARP1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-PARP1 (IP:22999-1-AP, 4ug; Detection:22999-1-AP 1:1000) with K-562 cells lysate 3200ug.



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using 22999-1-AP (PARP1 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).