

For Research Use Only

PARP2 Polyclonal antibody

Catalog Number: 55149-1-AP **3 Publications**



Basic Information

Catalog Number: 55149-1-AP	GenBank Accession Number: NM_005484	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10038	Recommended Dilutions: WB 1:1000-1:3000 IF 1:50-1:500
Source: Rabbit	Full Name: poly (ADP-ribose) polymerase 2	
Isotype: IgG	Calculated MW: 66 kDa	
	Observed MW: 66 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : HeLa cells, U2OS cells, SH-SY5Y cells IF : U2OS cells,
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

Background Information

PARP2, also named as ADPRT2 and ADPRTL2, is 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 repair of DNA strand breaks. This antibody is specific to PARP2 (N-terminal).

Notable Publications

Author	Pubmed ID	Journal	Application
Xueying Wang	34103682	Oncogene	WB
Chunlan Pu	35430559	Eur J Med Chem	WB
Tatiana Kamaletdinova	37626888	Cells	WB

Storage

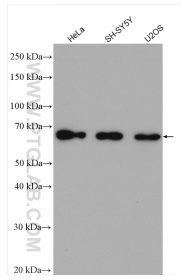
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

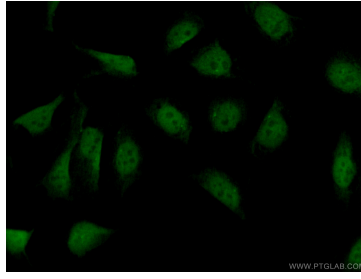
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55149-1-AP (PARP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using 55149-1-AP (PARP2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).