

For Research Use Only

PARP4 Recombinant antibody

Catalog Number: 84001-1-RR



Basic Information

Catalog Number: 84001-1-RR	GenBank Accession Number: NM_006437	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 143	CloneNo.: 240843C10
Source: Rabbit	UNIPROT ID: Q9UKK3	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG	Full Name: poly (ADP-ribose) polymerase family, member 4	
	Calculated MW: 193 kDa	
	Observed MW: 193 kDa	

Applications

Tested Applications: WB, IHC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, MDA-MB-231 cells, HepG2 cells, U2OS cells, HeLa cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human stomach cancer tissue,

Background Information

PARP4, also named as ADPRTL1, KIAA0177, PARPL, VPARP and PH5P, catalyzes the reaction: NAD⁺ + (ADP-D-riboseyl) (n)-acceptor = nicotinamide + (ADP-D-riboseyl)(n+1)-acceptor.

Storage

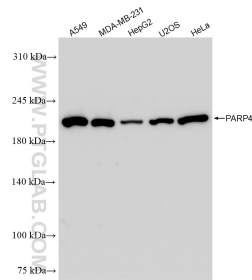
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

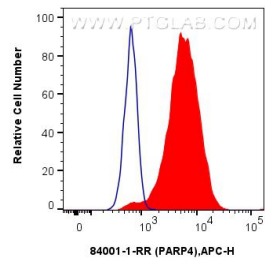
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

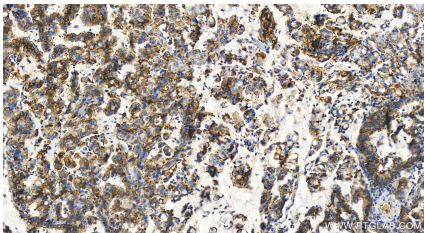
Selected Validation Data



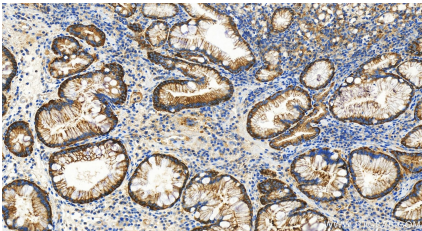
Various lysates were subjected to SDS PAGE followed by western blot with 84001-1-RR (PARP4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug PARP4 Recombinant antibody (84001-1-RR, Clone:240843C10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 84001-1-RR (PARP4 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer(pH9).



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