

For Research Use Only

# PARP4 Recombinant antibody

Catalog Number: 84001-1-RR



## Basic Information

Catalog Number:

84001-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_006437

GeneID (NCBI):

143

UNIPROT ID:

Q9UKK3

Full Name:

poly (ADP-ribose) polymerase family, member 4

Calculated MW:

193 kDa

Observed MW:

193 kDa

Purification Method:

Protein A purification

CloneNo.:

240843C10

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

## Applications

Tested Applications:

WB, IHC, FC (Intra), ELISA

Species Specificity:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : A549 cells, MDA-MB-231 cells, HepG2 cells, U2OS cells, HeLa cells

IHC : human stomach cancer tissue,

## Background Information

PARP4, also named as ADPRTL1, KIAA0177, PARPL, VPARP and PH5P, catalyzes the reaction: NAD<sup>+</sup> + (ADP-D-ribosyl) (n)-acceptor = nicotinamide + (ADP-D-ribosyl)(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

For technical support and original validation data for this product please contact:

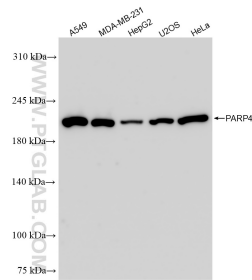
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

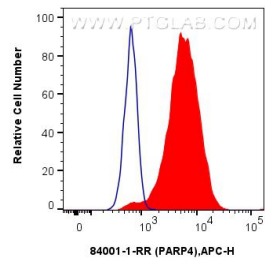
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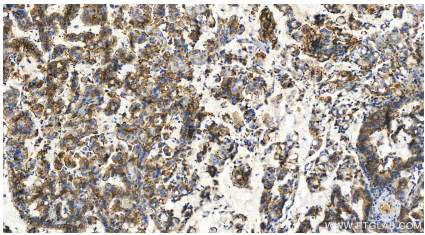
Selected Validation Data



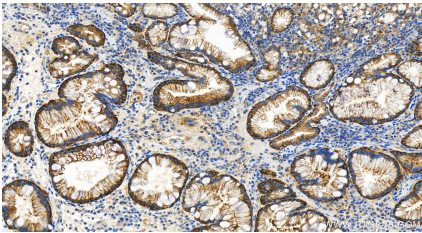
Various lysates were subjected to SDS PAGE followed by western blot with 84001-1-RR (PARP4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10<sup>6</sup> 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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