

For Research Use Only

# PARP9 Polyclonal antibody, PBS Only

Catalog Number:17535-1-PBS

Featured Product



## Basic Information

Catalog Number:

17535-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11587

GenBank Accession Number:

BC039580

GeneID (NCBI):

83666

UNIPROT ID:

Q8IXQ6

Full Name:

poly (ADP-ribose) polymerase family, member 9

Calculated MW:

819 aa, 92 kDa

Observed MW:

88 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, rat

## Background Information

Poly(ADP-ribosyl)ation is a post-translational modification of proteins mediated by one of the 17 members of the poly(ADP-ribose) polymerases (PARP). PARP-9 belongs to the subfamily of macroPARPs, associating one to three macro domains to the PARP domain. Overexpression of PARP-9 stimulates cell migration in vitro, suggesting a role for PARP-9 in the promotion of malignant B cell migration and dissemination in high risk DLBCL. PARP-9 is also likely a transcription coactivator, its overexpression in B lymphocytes, stimulated by IFN  $\gamma$ , inducing the transcription of IFN  $\gamma$ -controlled genes.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

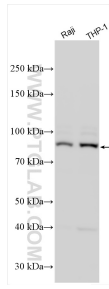
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

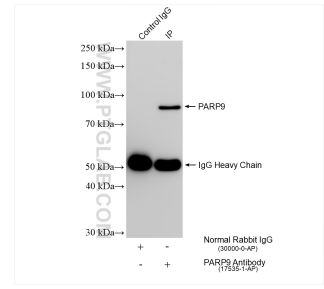
## Selected Validation Data



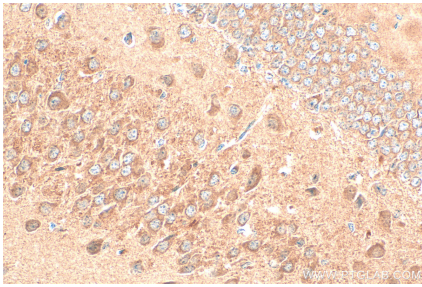
Various lysates were subjected to SDS PAGE followed by western blot with 17535-1-AP (PARP9 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17535-1-PBS in a different storage buffer formulation.



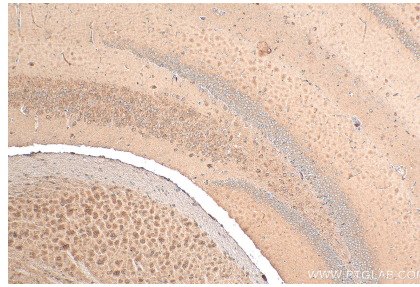
Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using PARP9 antibody (17535-1-AP) at dilution of 1:400 and CoralLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 17535-1-PBS in a different storage buffer formulation.



IP result of anti-PARP9 (IP:17535-1-AP, 4ug; Detection:17535-1-AP 1:3000) with MCF-7 cells lysate 1400 ug. This data was developed using the same antibody clone with 17535-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17535-1-AP (PARP9 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17535-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17535-1-AP (PARP9 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17535-1-PBS in a different storage buffer formulation.