

For Research Use Only

PARP9 Polyclonal antibody

Catalog Number: 17535-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

17535-1-AP

Concentration:

450 ug/ml

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

Recommended Dilutions:

WB: 1:2000-1:12000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:250-1:1000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, rat

Cited Species:

human, treeshrew

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: Raji cells, THP-1 cells

IP: MCF-7 cells,

IHC: mouse brain tissue, human heart tissue, human kidney tissue, human lung tissue, human lymphoma tissue, human ovary tissue, human skin tissue

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 γ , inducing the transcription of IFN γ -controlled genes.

Notable Publications

Author	Pubmed ID	Journal	Application
Ling Xu	32376647	J Immunol	WB, IF
Xinghong Tang	30128030	Oncol Lett	WB
Xinyi Wang	29456019	Mol Ther	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

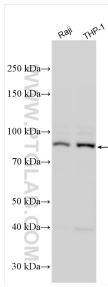
T: 4006900926

E: Proteintech-CN@ptglab.com

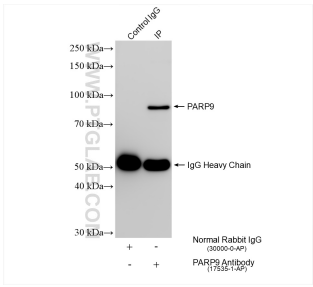
W: ptgcn.com

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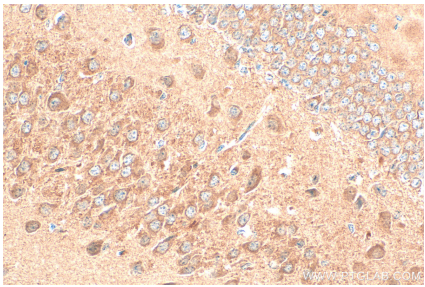
Selected Validation Data



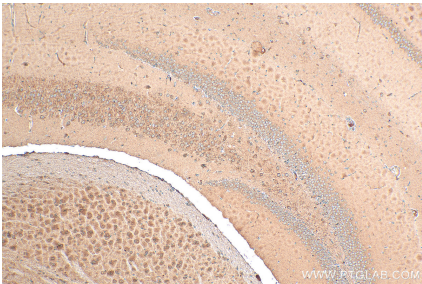
Various lysates were subjected to SDS PAGE followed by western blot with 17535-1-AP (PARP9 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-PARP9 (IP:17535-1-AP, 4ug; Detection:17535-1-AP 1:3000) with MCF-7 cells lysate 1400 ug.



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).



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).