

For Research Use Only

# PARP11 Polyclonal antibody

Catalog Number: 16692-1-AP

1 Publications



## Basic Information

Catalog Number:

16692-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10053

GenBank Accession Number:

BC017569

GeneID (NCBI):

57097

UNIPROT ID:

Q9NR21

Full Name:

poly (ADP-ribose) polymerase family, member 11

Calculated MW:

331 aa, 39 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human, pig

**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** : HeLa cells, PC-3 cells, mouse heart tissue, mouse spleen tissue

**IHC** : human kidney tissue, human placenta tissue, human colon tissue, human testis tissue, human skin tissue, human liver tissue, human ovary tissue

## Background Information

PARP11, also named as ARTD11, belongs to the ARTD/PARP family. PARP11 is a mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins. PARP11 plays a role in nuclear envelope stability and nuclear remodeling during spermiogenesis (PMID: 25043379). PARP11 has 4 isoforms with the molecular mass of 28-40 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chunyun Qi	39445214	Front Cell Infect Microbiol	WB, IF

## 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:

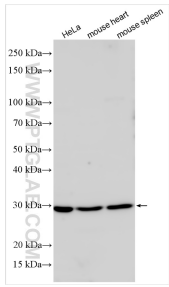
T: 4006900926

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

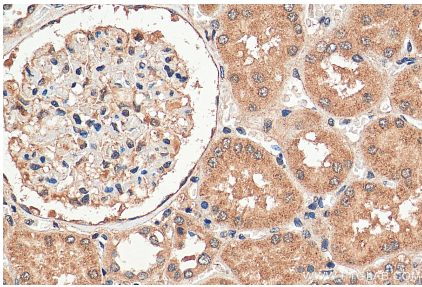
W: [ptgcn.com](http://ptgcn.com)

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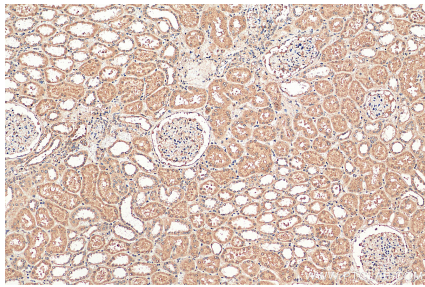
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16692-1-AP (PARP11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16692-1-AP (PARP11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16692-1-AP (PARP11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).