

**PARP11 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10105****Specification**

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**PARP11 antibody - middle region - Product Information**

Application	WB
Primary Accession	<a href="#">O9NR21</a>
Other Accession	<a href="#">O9NR21</a> , <a href="#">NP_065100</a> , <a href="#">NM_020367</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse, Rat, Rabbit, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39 kDa KDa

**PARP11 antibody - middle region - Additional Information****Gene ID** 57097**Alias Symbol** **C12orf6, DKFZp779H0122****Other Names**

Poly [ADP-ribose] polymerase 11, PARP-11, ADP-ribosyltransferase diphtheria toxin-like 11, ARTD11, PARP11, C12orf6

**Target/Specificity**

PARP1 encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosyl)ation. The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes. PARP1 can be cleaved resulting in fragments of 29 and 85 kDa.

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-PARP11 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

PARP11 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**PARP11 antibody - middle region - Protein Information**

**Name** PARP11 {ECO:0000303|PubMed:20106667, ECO:0000312|HGNC:HGNC:1186}

**Function**

Mono-ADP-ribosyltransferase that mediates mono-ADP- ribosylation of target proteins (PubMed:<a href="http://www.uniprot.org/citations/25043379" target="\_blank">25043379</a>, PubMed:<a href="http://www.uniprot.org/citations/25673562" target="\_blank">25673562</a>). Plays a role in nuclear envelope stability and nuclear remodeling during spermiogenesis (By similarity).

**Cellular Location**

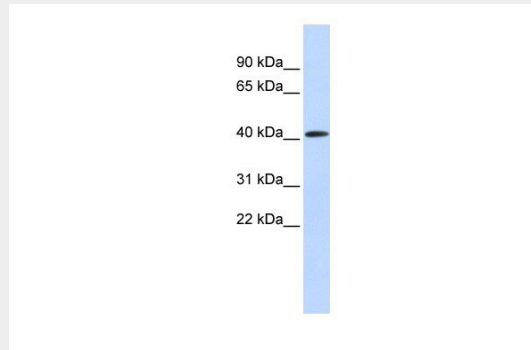
Nucleus, nuclear pore complex. Note=Colocalizes with NUP153 at nuclear pores.

**PARP11 antibody - middle region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PARP11 antibody - middle region - Images**



PARP11 antibody - middle region (AI10105) in Human Muscle cells using Western Blot  
WB Suggested Anti-PARP11 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:312500  
Positive Control: Human Muscle

**PARP11 antibody - middle region - Background**

This is a rabbit polyclonal antibody against PARP11. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).