

PARP10 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12160**Specification**

PARP10 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q53GL7
Other Accession	NM_032789 , NP_116178
Reactivity	Human, Rat
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	112kDa KDa

PARP10 antibody - N-terminal region - Additional Information**Gene ID** 84875**Alias Symbol** **FLJ14464****Other Names**

Poly [ADP-ribose] polymerase 10, PARP-10, 2.4.2.30, ADP-ribosyltransferase diphtheria toxin-like 10, ARTD10, PARP10

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-PARP10 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

PARP10 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PARP10 antibody - N-terminal region - Protein Information**Name** PARP10 ([HGNC:25895](#))**Function**

ADP-ribosyltransferase that mediates mono-ADP-ribosylation of glutamate and aspartate residues on target proteins (PubMed: [18851833](http://www.uniprot.org/citations/18851833), PubMed: [23332125](http://www.uniprot.org/citations/23332125), PubMed: [23474714](http://www.uniprot.org/citations/23474714), PubMed: [25043379](http://www.uniprot.org/citations/25043379)). In contrast to PARP1 and PARP2, it is not able to mediate poly-ADP-ribosylation (PubMed: [18851833](http://www.uniprot.org/citations/18851833)). Catalyzes mono-ADP-ribosylation of GSK3B, leading to

negatively regulate GSK3B kinase activity (PubMed:23332125). Involved in translesion DNA synthesis in response to DNA damage via its interaction with PCNA (PubMed:24695737).

Cellular Location

Nucleus, nucleolus. Cytoplasm. Note=Shuttles between the nuclear and cytoplasmic compartment (PubMed:15674325). A subpopulation concentrates in the nucleolus during late G1/S phase (PubMed:15674325)

Tissue Location

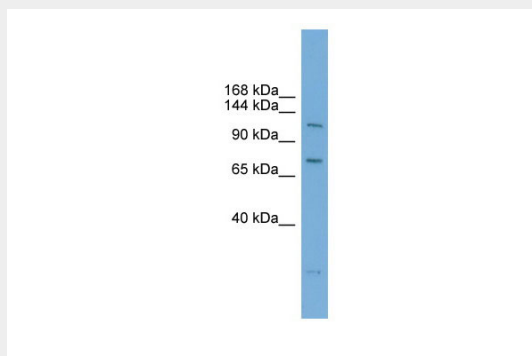
Highly expressed in spleen and thymus (PubMed:15674325). Intermediate levels in liver, kidney, pancreas, prostate, testis, ovary, intestine, and leukocytes (PubMed:15674325) Low expression in heart, brain, placenta, lung, skeletal muscle, and colon (PubMed:15674325).

PARP10 antibody - N-terminal 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](#)

PARP10 antibody - N-terminal region - Images



WB Suggested Anti-PARP10 Antibody Titration: 0.2-1 µg/ml
Positive Control: THP-1 cell lysate