

PARP3 polyclonal antibody

Catalog # PAB11443 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PARP3.
Immunogen	A synthetic peptide corresponding to human PARP3.
Sequence	YEDYNCTLNQTNIE
Host	Goat
Theoretical MW (kDa)	60.8, 60.1
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PARP3

Entrez GeneID [10039](#)

Protein Accession# [NP_001003931.2;NP_001003935.2](#)

Gene Name PARP3

Gene Alias ADPRT3, ADPRTL2, ADPRTL3, IRT1, hPARP-3, pADPRT-3

Gene Description poly (ADP-ribose) polymerase family, member 3

Omim ID [607726](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the PARP family. These enzymes modify nuclear proteins by poly-ADP-ribosylation, which is required for DNA repair, regulation of apoptosis, and maintenance of genomic stability. This gene encodes the poly(ADP-ribosyl)transferase 3, which is preferentially localized to the daughter centriole throughout the cell cycle. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations ADP-ribosyltransferase (NAD⁺; poly (ADP-ribose) polymerase)-like 2|ADP-ribosyltransferase (NAD⁺; poly (ADP-ribose) polymerase)-like 3|NAD⁺ ADP-ribosyltransferase 3|poly(ADP-ribose) polymerase 3|poly(ADP-ribose) synthetase-3

Publication Reference

- [PARP-3 associates with polycomb group bodies and with components of the DNA damage repair machinery.](#)

Rouleau M, McDonald D, Gagne P, Ouellet ME, Droit A, Hunter JM, Dutertre S, Prigent C, Hendzel MJ, Poirier GG.

Journal of Cellular Biochemistry 2007 Feb; 100(2):385.

Application: IF, Human, Monkey, COS-7, HeLa cells

Pathway

- [Base excision repair](#)

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Urinary Bladder Neoplasms](#)