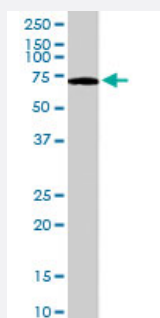


PARP2 polyclonal antibody

Catalog # PAB6953

Size 100 ug

Applications



Western Blot (Tissue lysate)

PARP2 polyclonal antibody (Cat # PAB6953) (1 ug/mL) staining of human spleen Lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of PARP2.

Immunogen A synthetic peptide corresponding to human PARP2.

Sequence C-LDLFEVEKDGEKE

Host Goat

Theoretical MW (kDa) 60.8

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:8000)
 Western Blot (1-3 ug/mL)
 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

- Western Blot (Tissue lysate)

PARP2 polyclonal antibody (Cat # PAB6953) (1 ug/mL) staining of human spleen Lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PARP2

Entrez GeneID	10038
Protein Accession#	NP_005475.1
Gene Name	PARP2
Gene Alias	ADPRT2, ADPRTL2, ADPRTL3, PARP-2, pADPRT-2
Gene Description	poly (ADP-ribose) polymerase 2
Omim ID	607725
Gene Ontology	Hyperlink

Gene Summary	This gene encodes poly(ADP-ribosyl)transferase-like 2 protein, which contains a catalytic domain and is capable of catalyzing a poly(ADP-ribosyl)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. The basic residues within the N-terminal region of this protein may bear potential DNA-binding properties, and may be involved in the nuclear and/or nucleolar targeting of the protein. Two alternatively spliced transcript variants encoding distinct isoforms have been found. [provided by RefSeq]
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Other Designations	ADP-ribosyltransferase (NAD ⁺ ; poly(ADP-ribose) polymerase)-like 2 poly (ADP-ribose) polymerase family, member 2 poly (ADP-ribosyl) transferase-like 2 poly(ADP-ribose) synthetase
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Publication Reference

- [Differential effect of PARP-2 deletion on brain injury after focal and global cerebral ischemia.](#)

Kofler J, Otsuka T, Zhang Z, Noppens R, Grafe MR, Koh DW, Dawson VL, de Murcia JM, Hum PD, Traystman RJ.

Journal of Cerebral Blood Flow and Metabolism 2006 Jan; 26(1):135.

Pathway

- [Base excision repair](#)

Disease

- [Azoospermia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)