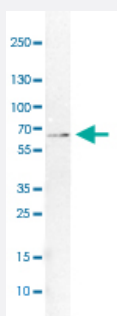


PARP2 polyclonal antibody

Catalog # PAB29444

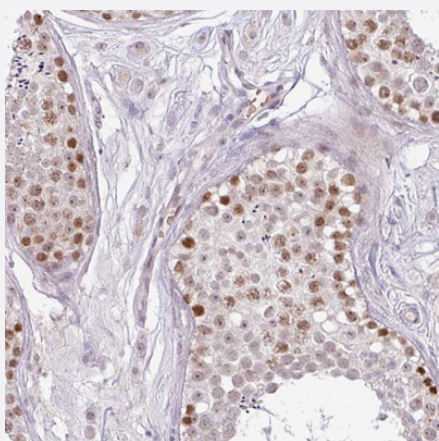
Size 100 uL

Applications



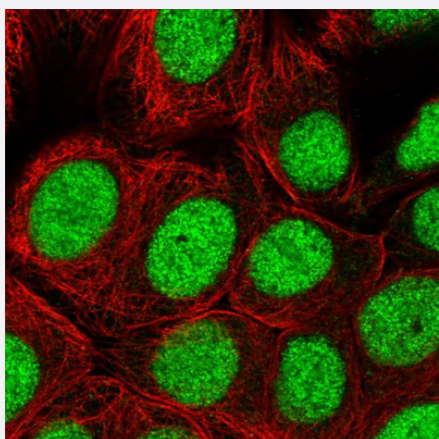
Western Blot (Cell lysate)

Western blot analysis of U-2 OS with PARP2 polyclonal antibody (Cat # PAB29444) at 1:100-1:250 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with PARP2 polyclonal antibody (Cat # PAB29444) shows moderate nuclear positivity in cells in seminiferous ducts at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line MCF7 with PARP2 polyclonal antibody (Cat # PAB29444) at 1-4 ug/mL concentration shows positivity in nucleus.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human PARP2.
Immunogen	Recombinant protein corresponding to human PARP2.
Sequence	ARALNESKRVNNGNTAPEDSSPAKKTRRCQRQESKKMPVAGGKANKDRTE DKQDES VKALLK GKAPVDPECTAKVGKAHVYCEGNDVYDVMLNQTNLQFN NNKYLIQLLEDDAQRNFSVWM
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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 (Cell lysate)

Western blot analysis of U-2 OS with PARP2 polyclonal antibody (Cat # PAB29444) at 1:100-1:250 dilution.

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Gene Info — PARP2

Entrez GeneID [10038](#)

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]

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

Pathway

- [Base excision repair](#)

Disease

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

- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)