RecomAb™

PARP2 recombinant monoclonal antibody, clone R06-7V9

Catalog # RAB05243 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PARP2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human PARP2
Theoretical MW (kDa)	Calculated MW: 66 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow cytometry (1/50-1/100) Immunofluorescence (1/50-1/200) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 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 shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry

- Immunofluorescence
- Flow Cytometry

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 domai n which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA bind ing 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 propert ies, 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) polymer ase 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