

Anti-Human/Mouse PARP2 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05517

3th Edition

Description: This gene encodes poly(ADP-ribose)transferase-like 2 protein, which contains a catalytic domain and is capable of catalyzing a poly(ADP-ribose)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribose) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribose) 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. PARP2 (Poly(ADP-Ribose) Polymerase 2) is a Protein Coding gene. Diseases associated with PARP2 include Arts Syndrome. Among its related pathways are DNA Double-Strand Break Repair and Nucleotide excision repair. GO annotations related to this gene include NAD+ ADP-riboseyltransferase activity. An important paralog of this gene is PARP1.

Antigen: Synthesized peptide derived from the Internal region of human PARP-2

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Widely expressed, mainly in actively dividing tissues. The highest levels are in the brain, heart, pancreas, skeletal muscle and testis; also detected in kidney, liver, lung, placenta, ovary and spleen; levels are low in leukocytes, colon, small intestine, prostate and thymus.