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PARP-2 rabbit pAb

Cat#: orb767288 (Manual)

For research use only. Not intended for diagnostic use.

| Product Name | PARP-2 rabbit pAb |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human PARP2. AA range:151-200 |
| Specificity | PARP-2 Polyclonal Antibody detects endogenous levels of PARP-2 protein |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Poly [ADP-ribose] polymerase 2 |
| Gene Name | PARP2 |
| Cellular localization | Nucleus . Chromosome . Recruited to DNA damage sites |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |



| Concentration | 1 mg/ml |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Observed band | 75kD |
| Human Gene ID | 10038 |
| Human Swiss-Prot Number | Q9UGN5 |
| Alternative Names | PARP2; ADPRT2; ADPRTL2; Poly [ADP-ribose] polymerase 2; PARP-2; hPARP-2; ADP-ribosyltransferase diphtheria toxin-like 2; ARTD2; NAD(+) ADP-ribosyltransferase 2; ADPRT-2; Poly[ADP-ribose] synthase 2; pADPRT-2 |
| Background | 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, Jul 2008], |



Western Blot analysis of K562 cells using PARP-2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).