

Datasheet for ABIN7269444
anti-PARP4 antibody (AA 1-300)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PARP4
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	PARP4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PARP4 (NP_006428.2).
Sequence:	MVMGIFANCI FCLKVKYLPQ QQKKKLQTDI KENGGKFSFS LNPQCTHIIL DNADVLSQYQ LNSIQKNHVV IANPDFIWKS IREKRLLDVK NYDPYKPLDI TPPPDQKASS SEVKTEGLCP DSATEEEDTV ELTEFGMQNV EIPHLPQDFE VAKYNTLEKV GMEGGQEAVV VELQCSRDSR DCPFLISSHF LLDDGMETRR QFAIKKTSSE ASEYFENYIE ELKKQGFLLR EHFTPEATQL ASEQLQALLL EEVMNSSTLS QEVSDLVEMI WAEALGHLEH MLLKPVNRIS LNDVSKAEGI
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: PARP4

Alternative Name: PARP4 ([PARP4 Products](#))

Background: This gene encodes poly(ADP-ribosyl)transferase-like 1 protein, which 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. Since this protein is not capable of binding DNA directly, its transferase activity may be activated by other factors such as protein-protein interaction mediated by the extensive carboxyl terminus.,PARP4,ADPRTL1,ARTD4,PARP-4,PARPL,PH5P,VAULT3,VPARP,VWA5C,p193,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Centrosome,PARP4

Molecular Weight: 192kDa

Gene ID: 143

UniProt: [Q9UKK3](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

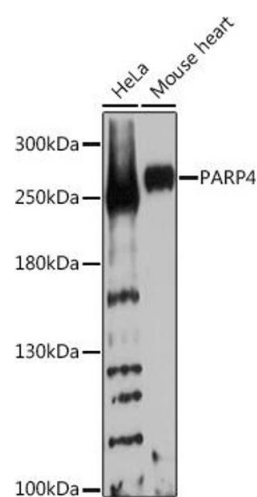
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using P Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.