PARP3 Antibody

PACO43384

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200

Protein Background:

Involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks. May link the DNA damage surveillance network to the mitotic fidelity checkpoint. Negatively influences the G1/S cell cycle progression without interfering with centrosome duplication. Binds DNA. May be involved in the regulation of PRC2 and PRC3 complex-dependent gene silencing.

Gene ID:

PARP3

Uniprot

Q9Y6F1

Synonyms:

Poly [ADP-ribose] polymerase 3 (PARP-3) (hPARP-3) (EC 2.4.2.30) (ADP-ribosyltransferase diphtheria toxin-like 3) (ARTD3) (IRT1) (NAD(+) ADP-ribosyltransferase 3) (ADPRT-3) (Poly[ADP-ribose] synthase 3) (pADPRT-3), PARP3, ADPRT3 ADPRTL3

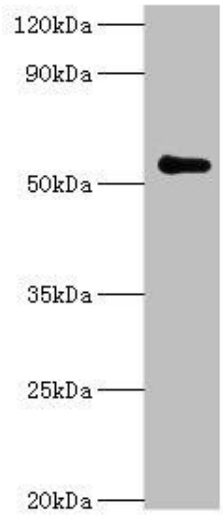
Immunogen:

Recombinant Human Poly [ADP-ribose] polymerase 3 protein (294-533AA).

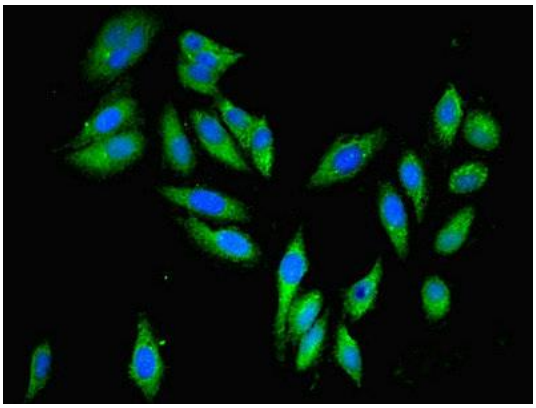
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

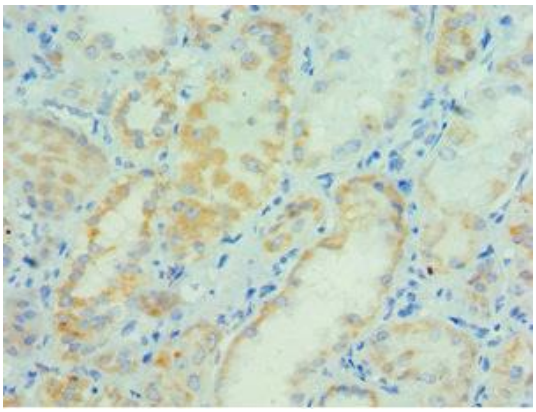
Product Images



Western blot. All lanes: Poly [ADP-ribose] polymerase 3 antibody at 7µg/ml + Mouse kidney tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 60 kDa. Observed band size: 60 kDa.



Immunofluorescent analysis of Hela cells using PACO43384 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO43384 at dilution of 1:100.

