#T40050

PARP mAb

☐50 µl
☐100 µl
☐200 µl

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DESCRIPTION
Poly [ADP-ribose] polymerase 1 (PARP-1) also known as NAD+ ADP-ribosyltransferase 1 or poly[ADP-ribose] synthase 1 is an enzyme that in humans is encoded by the PARP1 gene. It is one of the PARP family of enzymes. PARP1 is involved in differentiation, proliferation, tumor transformation, normal or abnormal recovery from DNA damage and the pathophysiology of type I diabetes.

SOURCE
This Abmart monoclonal antibody is produced by immunizing animals with a polypeptide (Abmart SEAL mAb technology) corresponding to PARP protein.

STORAGE
Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze/thaw cycle.

ALIASES
PARP-1, ADP-ribosyltransferase diphtheria toxin-like 1, ARTD1, NAD(+) ADP-ribosyltransferase 1, ADPRT 1, Poly[ADP-ribose] synthase 1, ADPRT, PPOL

REACTIVITY
Human, Mouse, Rat

ISOTYPE
Rabbit IgG

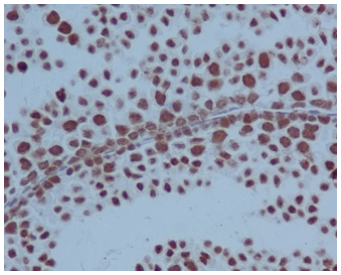
PREDICTED MOLECULAR WEIGHT
113 kDa

RECOMMEND ANTIBODY DILUTIONS

Western blotting	1:500-1:1000
IHC	1:100-1:500
ICC/IF	1:50-1:200

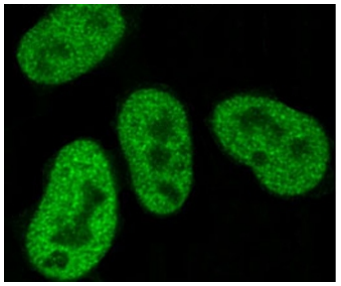
***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

APPLICATION DATA



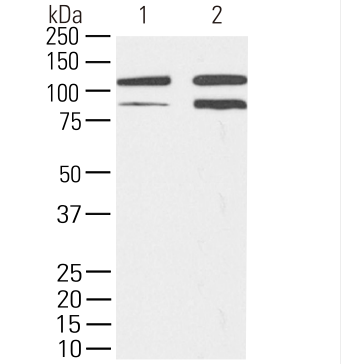
Immunohistochemistry-Anti-PARP mAb (#T40050)

Immunohistochemical analysis of paraffin-embedded mouse testis, using PARP mAb.



Immunofluorescence-Anti-PARP mAb (#T40050)

Immunofluorescent analysis of Hela cells, using PARP mAb.



Western blot-Anti-PARP mAb (#T40050)

All lanes : PARP mAb

Lane 1 : HeLa cell lysate

Lane 2 : HeLa cell lysate treated with staurosporine

Secondary
Goat Anti-Rabbit IgG-HRP, 5% skim milk conjugated at 1/10000 dilution

Predicted band size : 113 kDa
Observed band size : 113 kDa
Blocking/Dilution buffer : 1× PBS.

Applications Key: WB —Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence