For research purposes only, not for human use

Product Data Sheet

Anti-PARP1 Antibody

Catalog #	Source	Reactivity	Applications
CPA9204	Mouse	H	WB, IH

Description	Mouse monoclonal antibody to PARP1
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human PARP1. The exact sequence is proprietary.
Purification	
Specificity	Recognizes endogenous levels of PARP1 protein.
Clonality	Monoclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/1000 - 1/3000), IH (1/200 - 1/500)
Gene Symbol	PARP1
Alternative Names	ADPRT; PPOL; Poly [ADP-ribose] polymerase 1; PARP-1; ADP-ribosyltransferase diphtheria toxin-like 1; ARTD1; NAD(+) ADP-ribosyltransferase 1; ADPRT 1; Poly[ADP-ribose] synthase 1
Entrez Gene	142 (Human)
SwissProt	P09874 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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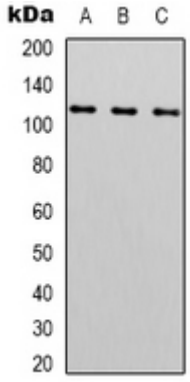
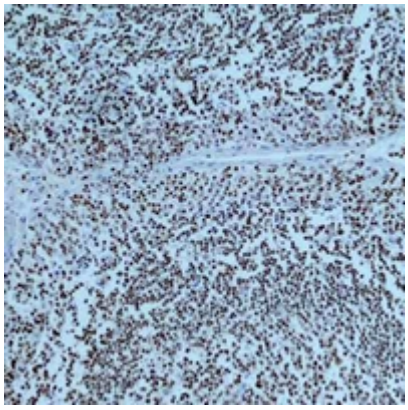


Western blot analysis of PARP1 expression in Hela (A), 293T (B), Jurkat (C) whole cell lysates. (Predicted band size: 113 kD; Observed band size: 116 kD)



Immunohistochemical analysis of PARP1 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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