
Product Name: PARP Mouse Monoclonal Antibody**Catalog #: AMM86157**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:3000
Molecular Weight	116kDa

Antigen Information

Gene Name	PARP
Alternative Names	COBA2; COL11A2; Collagen alpha-2(XI) chain; collagen, type XI, alpha 2; DFNA13
Gene ID	1302;
SwissProt ID	P13942
Immunogen	

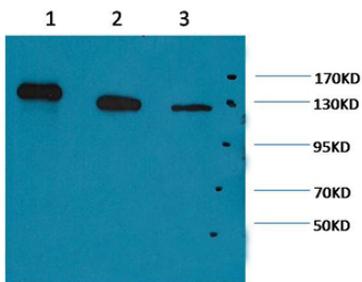
Background

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. PARP1 has a role in repair of single-stranded DNA (ssDNA) breaks. Knocking down intracellular PARP1 levels with siRNA or inhibiting PARP1 activity with small molecules reduces repair of ssDNA

breaks. In the absence of PARP1, when these breaks are encountered during DNA replication, the replication fork stalls, and double-strand DNA (dsDNA) breaks accumulate.

Research Area

Image Data



Western blot analysis of 1) HeLa, 2) 293T, 3) Jurkat, using PARP Mouse Monoclonal Antibody diluted at 1:2,000.