

Anti-PARP1 Polyclonal Antibody 3

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 113 kDa. Actual: 110 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: 293T (Human) Cell Lysate at 30 µg Lane 2: U251 (Human) Cell Lysate at 30 µg
Verified Activity:	Primary: Anti-PARP (TMAB-09992) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 110 kD Observed band size: 110 kD
Application:	WB,ICC/IF,ELISA
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human PARP1
Antigen Species:	Human
Gene ID:	142
Uniprot ID:	P09874

Research Background

This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosyl)ation. The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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