003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

PARP1 Monoclonal Antibody

Cat #: G-AB-05562

Host: Mouse **Reactivity:** Human

Isotype: IgG **Clonality:** Monoclonal

Overview:
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.

Gene ID:

Accession #:

Immunogen: Synthetic Peptide

Conjugation: Unconjugated

Swissprot: P09874

Calculated Molecular Weight:

Observed Molecular Weight: 116 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Purification Method: Protein A purification

Application: WB

Dilution: WB 1:1000-3000

Storage: Store at -20°C. Avoid freeze / thaw cycles.