

À des fins de recherche uniquement

Anticorps Monoclonal anti-PARP1

Numéro de catalogue: CR-66520



Informations de base

Numéro de catalogue: CR-66520	Numéro d'acquisition GenBank: BC037545	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 0mg/mL by Nanodrop;	Identification du gène (NCBI): 142	CloneNo.: 1D7D4
Hôte: Mouse	Nom complet: poly (ADP-ribose) polymerase 1	Excitation/Emission maxima wavelengths: 592 nm / 611 nm
Isotype: IgG1	MW calculé 1014 aa, 113 kDa	
Immunogen Catalog Number: AG19173	MW observés: 113-116 kDa, 85-89 kDa	

Applications

Applications testées:
FC
Spécificité de l'espèce:
Humain, rat, souris

Informations générales

PARP1 (poly(ADP-ribose) polymerase 1) is a nuclear enzyme catalyzing the poly(ADP-ribosyl)ation of many key proteins in vivo. The normal function of PARP1 is the routine repair of DNA damage. Activated by DNA strand breaks, the PARP1 is cleaved into an 85 to 89-kDa COOH-terminal fragment and a 24-kDa NH2-terminal peptide by caspases during the apoptotic process. The appearance of PARP fragments is commonly considered as an important biomarker of apoptosis. In addition to caspases, other proteases like calpains, cathepsins, granzymes and matrix metalloproteinases (MMPs) have also been reported to cleave PARP1 and gave rise to fragments ranging from 42-89-kDa. This antibody was generated against the N-terminal region of human PARP1 and it recognizes the full-length as well as the cleavage of the PARP1.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Cardinal Red™ Anti-Human PARP1 (CR-66520, Clone:1D7D4) (red), and the control used was, rabbit IgG Texas Red (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).