

bsm-52408R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

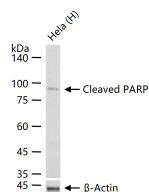
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Cleaved PARP Recombinant Rabbit mAb**DATASHEET**

| | | |
|--|-----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) Flow-Cyt (1:50-100) |
| Clonality: Recombinant | CloneNo.: 2A10 | |
| GeneID: 142 | SWISS: P09874 | |
| Target: Cleaved PARP | | |
| Immunogen: A synthesized peptide derived from human PARP 1: 214-250. | | |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | Reactivity: Human |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | Predicted MW.: 89/116 kDa |
| Background: This gene encodes a chromatin-associated enzyme, poly(ADP-riboseyl)transferase, which modifies various nuclear proteins by poly(ADP-riboseyl)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]. | | Subcellular Location: Nucleus |

VALIDATION IMAGES

25 ug total protein per lane of various lysates (see on figure) probed with Cleaved PARP monoclonal antibody, unconjugated (bsm-52408R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

SELECTED CITATIONS

- **[IF=5.572]** Miao Song. et al. Mitophagy alleviates AIF-mediated spleen apoptosis induced by AICl3 through Parkin stabilization in mice. FOOD CHEM TOXICOL. 2023 Jun;176:113762 WB ;Mouse. 37028746
- **[IF=4.432]** Luya Pu. et al. Icarin arrests cell cycle progression and induces cell apoptosis through the mitochondrial pathway in human fibroblast-like synoviocytes. Eur J Pharmacol. 2021 Dec;912:174585 WB ;Human. 34678240
- **[IF=4.145]** Kunlin Wu. et al. Histone deacetylase inhibitor panobinostat in combination with rapamycin confers enhanced efficacy against triple-negative breast cancer. EXP CELL RES. 2022 Sep;:113362 WB ;Human. 36152730
- **[IF=3.5]** Ruixue Wang. et al. RecQ protein-like 4 drives cisplatin chemosensitivity of cervical cancer cells by modulating annexin A2. DRUG DEVELOP RES. 2024 Oct;85(7):e70003 WB ;Human. 39404003
- **[IF=4.1]** Tommaso Felicetti. et al. New Anti-ovarian cancer quinolone derivatives acting by modulating microRNA processing machinery. RSC MED CHEM. 2024 Sep;: WB ;Human. 39399313

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.