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Anti-Cleaved PARP PARP1 Rabbit Monoclonal Antibody

Catalog Number: M00122-1

Overview

Product Name	Anti-Cleaved PARP PARP1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cleaved PARP PARP1 Rabbit Monoclonal Antibody catalog # M00122-1. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal HI-16
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P09874

Technical Details

Immunogen	A synthesized peptide derived from human Cleaved PARP
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200

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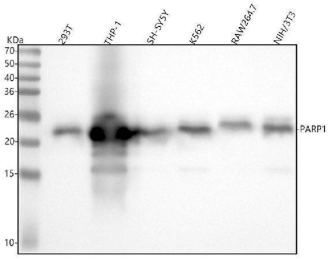
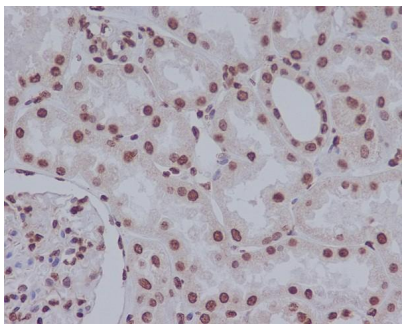
Anti-Cleaved PARP PARP1 Rabbit Monoclonal Antibody (M00122-1) Images



Western blot analysis of PARP1 using anti-PARP1 antibody (M00122-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human THP-1 whole cell lysates, Lane 3: human SH-SY5Y whole cell lysates, Lane 4: human K562 whole cell lysates, Lane 5: mouse Raw264.7 whole cell lysates, Lane 6: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-PARP1 antigen affinity purified monoclonal antibody (Catalog # M00122-1) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for PARP1 at approximately 25 kDa. The expected band size for PARP1 is at 25,113 kDa.



Immunohistochemical analysis of paraffin-embedded human kidney, using Cleaved PARP Antibody.

4 Publications Citing This Product

1. PubMed ID: -, Kig,C.,Mertoglu,E.,Caliskan,A.et al.Selective and oxidative stress-mediated cell death of MCF-7 cell line induced by terpinolene.Biologia(2021).https://doi.org/10.1007/s11756-021-00803-z

2. PubMed ID: 33655702, Zheng GS,Tan YM,Shang YY,Liu YP,Hu BA,Wang D,Han L,Wang ZH,Zhang W,Ti Y,Zhong M. CIDEC silencing attenuates diabetic nephropathy via inhibiting apoptosis and promoting autophagy. J Diabetes Investig. 2021 Mar 2.doi:10.1111/jdi.13534.Epub ahead of print.PMID:33655702.

3. PubMed ID: 33382670, Chen H,Sheng H,Zhao Y,Zhu G.Piperine Inhibits Cell Proliferation and Induces Apoptosis of Human Gastric Cancer Cells by Downregulating Phosphatidylinositol 3-Kinase (PI3K)/Akt Pathway.Med Sci Monit.2020 Dec 31;26:e928403.doi:10.12659/MSM.928403.PMID:33382

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