

Cleaved-PARP1 (D214) Polyclonal Antibody

Catalog Number:E-AB-30080

2 Publications



Note: Centrifuge before opening to ensure complete recovery of vial contents.

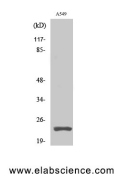
Description

Reactivity	Human,Mouse
Immunogen	Synthesized peptide derived from the Internal region of human PARP-1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

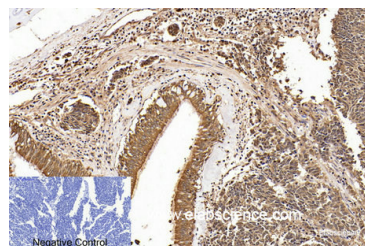
WB	1:500-2000
IHC	1:50-300
IF	1:50-300

Data

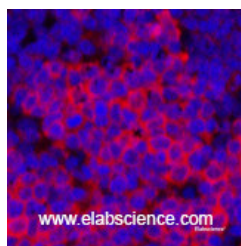


Western Blot analysis of A549 cells using Cleaved-PARP1 (D214) Polyclonal Antibody at dilution of 1:2000.

Observed Mw:24kDa
Calculated Mw:113kDa



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using Cleaved-PARP1 (D214) Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat spleen tissue using Cleaved-PARP1 (D214) Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

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

Background

For Research Use Only

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Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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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.

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