Cleaved-PARP1 (D214) Polyclonal Antibody

catalog number: E-AB-30080

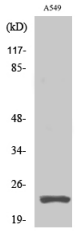
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Synthesized peptide derived from the Internal region of human PARP-1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-2000
IHC	1:50-300
IF	1:50-300

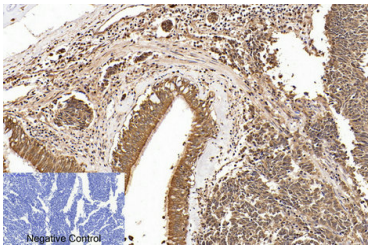
Data



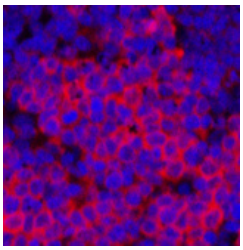
Western Blot analysis of A549 cells using Cleaved-PARP1 (D214) Polyclonal Antibody at dilution of 1:2000.

Observed-MW:24 kDa

Calculated-MW:113 kDa



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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
Web:www.elabscience.com
Tel: 1-832-243-6086
Email:techsupport@elabscience.com
Fax: 1-832-243-6017

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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