Cleaved-CASP3 p17 (D175) Polyclonal Antibody

Catalog Number:E-AB-30004 5 Publications

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

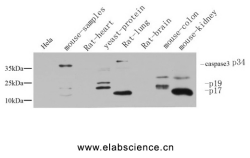
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from the Internal region of human Caspase-3 p17
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4

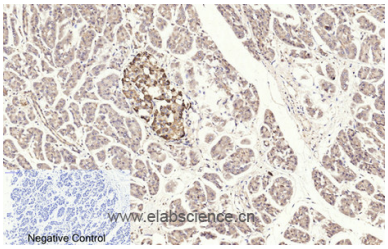
Applications — Recommended Dilution

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

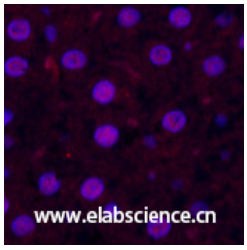
Data



Western Blot analysis of various cells using Cleaved-CASP3 p17 (D175) Polyclonal Antibody at dilution of 1:1000.
Observed Mw:20kDa
Calculated Mw:32kDa



Immunohistochemistry of paraffin-embedded Human stomach cancer tissue using Cleaved-CASP3 p17 (D175) Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat liver tissue using Cleaved-CASP3 p17 (D175) Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

For Research Use Only

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Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Involved in the cleavage of huntingtin.