Cleaved-CASP3 p17 (D175) Polyclonal Antibody

catalog number: E-AB-30004

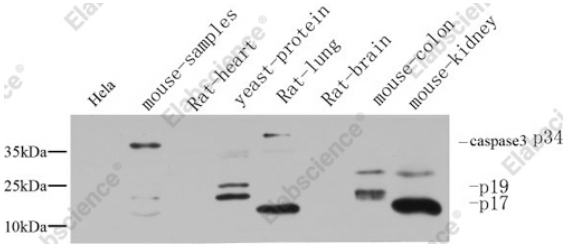
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthesized peptide derived from the Internal region of human Caspase-3 p17
Host	Rabbit
Isotype	Rabbit 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

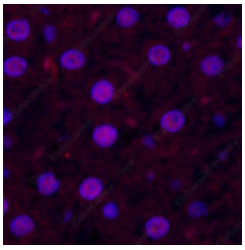
Data



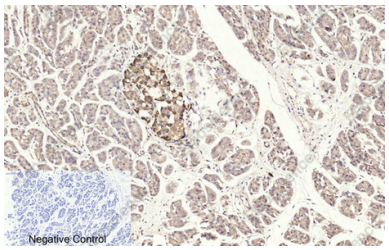
Western Blot analysis of various cells using Cleaved-CASP3 p17 (D175) Polyclonal Antibody at dilution of 1:1000.

Observed-MW:20 kDa

Calculated-MW:32 kDa



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



Immunohistochemistry of paraffin-embedded Human stomach cancer tissue using Cleaved-CASP3 p17 (D175) 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

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