CASP3 Polyclonal Antibody

catalog number: **E-AB-70388**

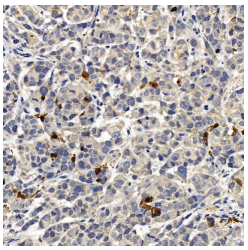
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

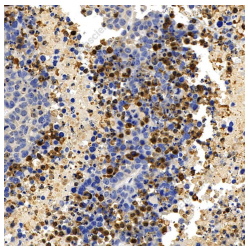
Reactivity	Human;Mouse
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse caspase3
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:200-1:800

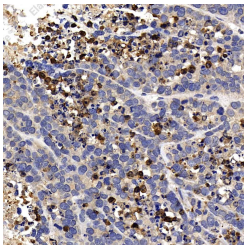
Data



Immunohistochemistry analysis of paraffin-embedded A549 in Human breast using CASP3 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded A549 in Mouse lung using CASP3 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded A549 in Mouse Subcutaneous tumor using CASP3 Polyclonal Antibody at dilution of 1:400.

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
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Web: www.elabscience.com
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Caspases, a family of endoproteases, are critical players in cell regulatory networks controlling inflammation and cell death. Initiator caspases (caspase-2, -8, -9, -10, -11, and -12) cleave and activate downstream effector caspases (caspase-3, -6, and -7), which in turn execute apoptosis by cleaving targeted cellular proteins. Caspase 3 (also named CPP32, SCA-1, and Apopain) proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at the beginning of apoptosis. Caspase 3 plays a key role in the activation of sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Caspase 3 can also form heterocomplex with other proteins and performs MW of 50-70 kDa. This antibody can recognize p17, p19 and p32 of Caspase 3.

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