

Caspase-3 Polyclonal Antibody

Catalog No: #42437

Package Size: #42437 100ug

Description

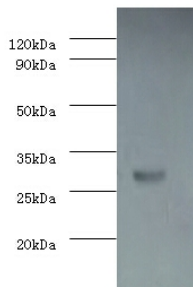
Product Name	Caspase-3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total Caspase-3 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Caspase-3 protein
Conjugates	Unconjugated
Target Name	Caspase-3
Other Names	Apopain, Cysteine protease CPP32Protein Yama, SREBP cleavage activity 1
Accession No.	Swiss-Prot#: P42574
Calculated MW	30kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

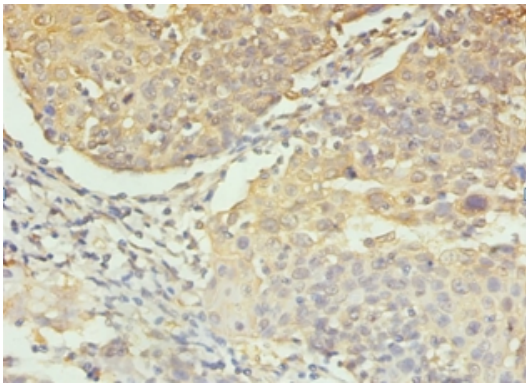
Western blotting: □1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

Images



All lanes: Caspase-3 antibody at 2ug/ml+mouse brain tissue
secondary
Goat polyclonal to rabbit at 1/10000 dilution
predicted band size :30kDa
observed band size :30kDa



Immunohistochemical analysis of paraffin-embedded human colon cancer using #42437 at dilution of 1:100.

Background

Involved in the activation cascade of caspases responsible for apoptosis execution.

References

[1] CPP32, a novel human apoptotic protein with homology to *Caenorhabditis elegans* cell death protein Ced-3 and mammalian interleukin-1 beta-converting enzyme. Fernandes-Alnemri T., Litwack G., Alnemri E.S.J. *Biol. Chem.* 269:30761-30764(1994) [2] Yama/CPP

Published Papers

et al., Baicalin induces cellular senescence in human colon cancer cells via upregulation of DEPP and the activation of Ras/Raf/MEK/ERK signaling. *Incell Death Dis.* On 2018 Feb 13 by Wang Z, Ma L et al.. PMID:29440765, , (2018)

[PMID:29440765](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.