

Anti-Caspase 3 Rabbit mAb

Purified Rabbit Monoclonal Antibody

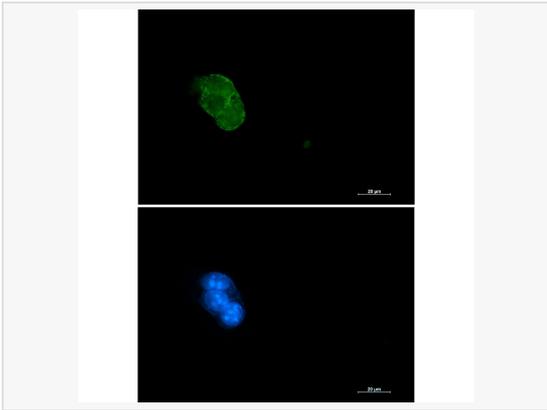
Catalog # R013423

Product Information

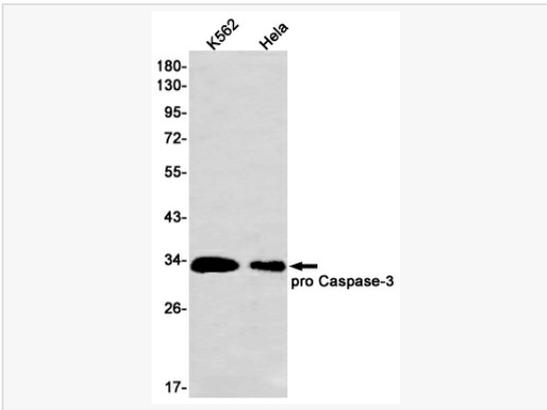
Application	IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA, WB, IHC-F/IF (Tissue-F)
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	99L80L71
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human Caspase-3
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Caspase 3 antibody [99L80L71] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

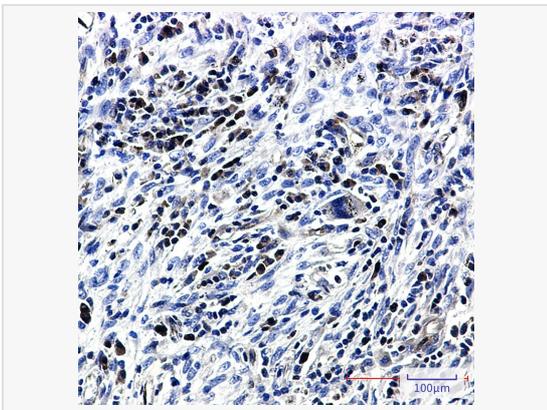
Synonyms	CASP3, CPP32, Caspase-3, CASP-3, Apopain, Cysteine protease CPP32, CPP-32, Protein Yama, SREBP cleavage activity 1, SCA-1.
Calculated MW	Calculated MW: 32 kDa; Observed MW: 32 kDa
Uniprot ID	P42574
Gene ID	836
Background	Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme.



Immunocytochemistry analysis of Caspase 3 (green) in 293 using Caspase 3 antibody and DAPI (blue) .



Western blot analysis of Caspase3 in K562, HeLa lysates using Caspase3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using Caspase3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.