



CASP3 Polyclonal Antibody

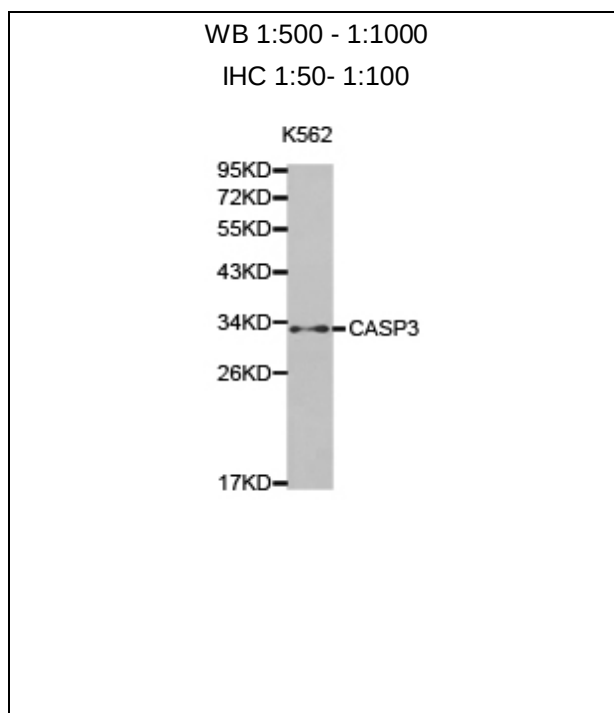
E93164

Catalog Number: E93164**Amount:** 100ul

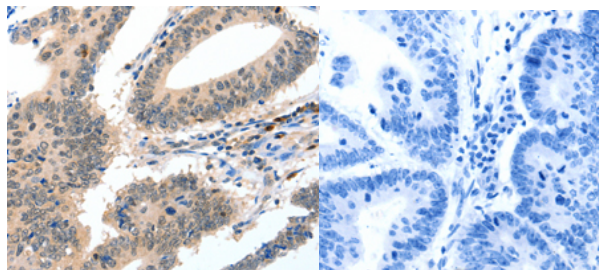
Background: This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. Alternative splicing of this gene results in two transcript variants that encode the same protein.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: CPP32; SCA-1; CPP32B;**Immunogen:** Recombinant protein of human CASP3**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC**Molecular Weight:** 32kDa**Swiss-Prot No. :** P42574**Gene ID:** 836**For Research Use Only**

Western blot analysis of extracts of K562 cells using CASP3 antibody.



Immunohistochemistry of paraffin-embedded human colon cancer tissue using CASP3 antibody.