CASP3 Antibody

PACO13858

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:50-1:200

Protein 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.

Gene ID:

CASP3

Uniprot

P42574

Synonyms:

caspase 3, apoptosis-related cysteine peptidase

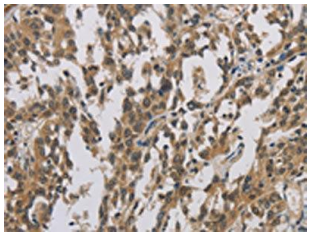
Immunogen:

Fusion protein of human CASP3.

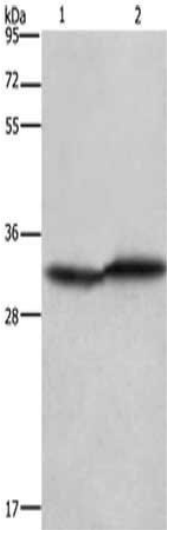
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

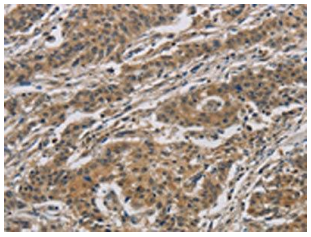
Product Images



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PACO13858(CASP3 Antibody) at dilution 1/40. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane 1-2: Jurkat cells, 293T cells, Primary antibody: PACO13858(CASP3 Antibody) at dilution 1/400 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds.



The image is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PACO13858(CASP3 Antibody) at dilution 1/40. (Original magnification: x—200).

