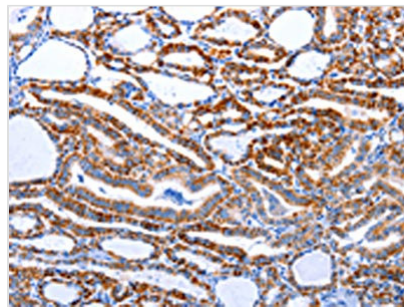




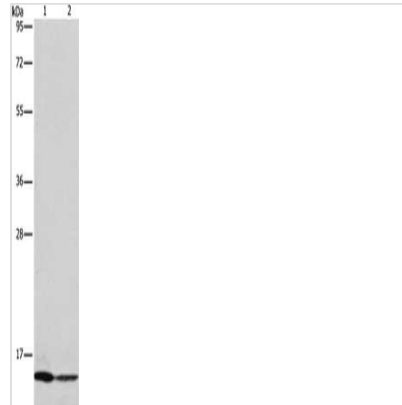
# CASP3 Antibody

<b>Product Code</b>	CSB-PA786000
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P42574
<b>Immunogen</b>	Synthetic peptide of Human CASP3 (active)
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human,Mouse,Rat
<b>Tested Applications</b>	ELISA,WB,IHC;ELISA:1:1000-1:10000,WB:1:200-1:1000,IHC:1:25-1:100
<b>Relevance</b>	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.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Purification Method</b>	Antigen affinity purification
<b>Isotype</b>	IgG
<b>Species</b>	Homo sapiens (Human)
<b>Target Names</b>	CASP3

## Image



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA786000(CASP3 (active) Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: x200)



Gel: 12%SDS-PAGE, Lysate: 40  $\mu$ g, Lane 1-2:  
Jurkat cells, MCF7 cells, Primary antibody: CSB-  
PA786000(CASP3 (active) Antibody) at dilution  
1/120, Secondary antibody: Goat anti rabbit IgG  
at 1/8000 dilution, Exposure time: 20 seconds