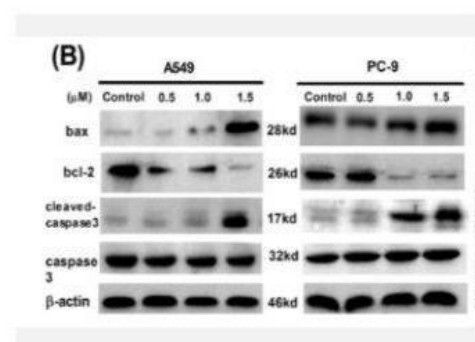


## Caspase-3 p17 Polyclonal Antibody

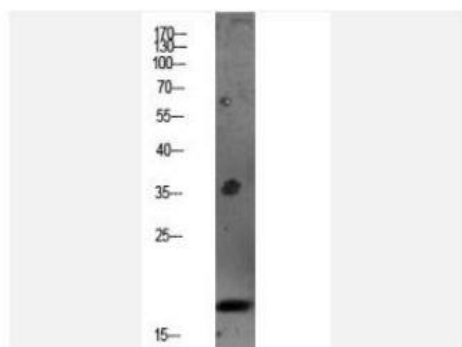
<b>Catalog No.</b>	IPB0107
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	WB; ELISA
<b>Dilution</b>	WB: 1:500-2000      ELISA: 1:10000-20000
<b>Gene Name</b>	CASP3 CPP32
<b>Protein Name</b>	Caspase3
<b>Human Gene Id</b>	836
<b>Swiss-Prot</b>	P42574
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
<b>Source</b>	Rabbit
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Subcellular Location</b>	Cytoplasm
<b>MW</b>	-

**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.

### Products Images:



Li, Xin-yang, et al. "Development of a novel thymidylate synthase (TS) inhibitor capable of up-regulating P53 expression and inhibiting angiogenesis in NSCLC." *Journal of advanced research* 26 (2020): 95-110.



Western blot analysis of HEK293 lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000