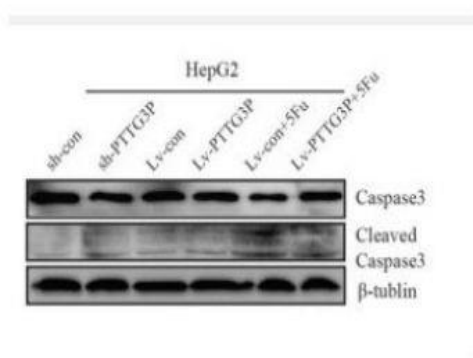


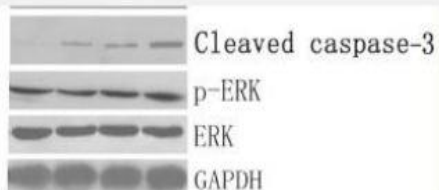
Caspase-3 Polyclonal Antibody

Catalog No.	IPB0034
Reactivity	Human; Monkey
Applications	WB; ELISA
Dilution	WB: 1:500-1:2000 ELISA: 1:40000
Gene Name	CASP3
Protein Name	Caspase3
Human Gene Id	836
Swiss-Prot	P42574
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Cytoplasm
MW	31608
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

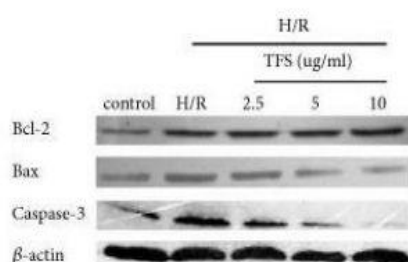
Products Images:



Huang, Jin-lan, et al. "The long non-coding RNA PTTG3P promotes cell growth and metastasis via up-regulating PTTG1 and activating PI3K/AKT signaling in hepatocellular carcinoma." *Molecular cancer* 17.1 (2018): 93.



Wang, Xinzhaoh, et al. "Ad-p53 enhances the sensitivity of triple-negative breast cancer MDA-MB-468 cells to the EGFR inhibitor gefitinib." *Oncology reports* 33.2 (2015): 526-532.



Jiang, Ruibin, et al. "Total Flavonoids from *Carya cathayensis* Sarg. Leaves Alleviate H9c2 Cells Hypoxia/Reoxygenation Injury via Effects on miR-21 Expression, PTEN/Akt, and the Bcl-2/Bax Pathway." *Evidence-Based Complementary and Alternative Medicine* 2018 (2018).



Western Blot analysis of various cells using Caspase-3 Polyclonal Antibody