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active + pro Caspase 3 Rabbit mAb

货号: **AYM28788**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IP: 1:20 - 1:50
理论分子量	31kDa
实测分子量	17,32kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,Mouse lung,Rat liver
细胞定位	Cytoplasm
纯化	Affinity purification

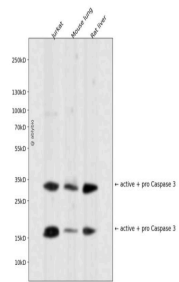
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human active + pro Caspase 3 .
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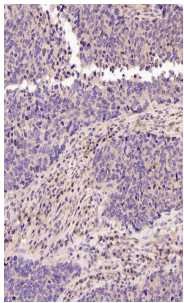
靶点信息

研究背景	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.
基因ID	836
基因名	CASP3
Swiss	P42574 (https://www.uniprot.org/uniprotkb/P42574/entry)
别名	active + pro Caspase 3, active + pro Caspase 3 Rabbit mAb, CASP3, Apopain, Cysteine protease CPP32, Protein Yama, SREBP cleavage activity 1, CPP32

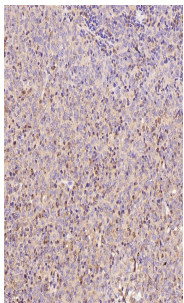
产品验证



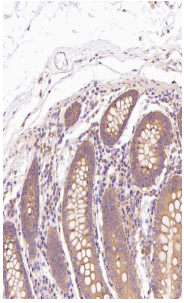
Western blot analysis of active + pro Caspase 3 expressed in Jurkat, Mouse lung, Rat liver using active + pro Caspase 3 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



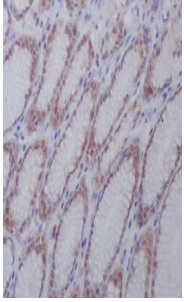
Immunohistochemical analysis of paraffin-embedded Human lung large cell cancer, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded Human melanoma, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded Human colon, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded human stomach, using active + pro Caspase 3 Antibody .

实验步骤

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