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# Caspase-8 Rabbit mAb

货号: **AYM28421**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	55kDa
实测分子量	55kDa
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,HepG2,HeLa
细胞定位	Cytoplasm
纯化	Affinity purification

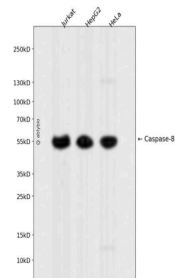
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Caspase-8.
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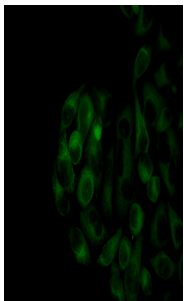
## 靶点信息

研究背景	This gene encodes 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 composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined. [provided by RefSeq, Jul 2008]
基因ID	841
基因名	CASP8
Swiss	Q14790 ( <a href="https://www.uniprot.org/uniprotkb/Q14790/entry">https://www.uniprot.org/uniprotkb/Q14790/entry</a> )
别名	Caspase-8, Apoptotic protease Mch5, CAP4, CASP-8, CASP8, CASP8_HUMAN, Caspase 8, Caspase 8 apoptosis related cysteine peptidase, Caspase-8 subunit p10, CED 3, FADD Like ICE, FADD-homologous ICE/CED-3-like protease, FADD-like ICE, FLICE, FLJ17672, ICE-like apoptotic protease 5, MACH alpha 1/2/3 protein, MACH, MACH beta 1/2/3/4 protein, MCH5, Caspase-8 Rabbit mAb

## 产品验证



Western blot analysis of Caspase-8 expressed in Jurkat, HepG2, HeLa using Caspase-8 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.



Immunofluorescence analysis of HeLa cells labelling Caspase-8 with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

## 实验步骤

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