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Caspase-8 Rabbit mAb

货号: AYM30498

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	25-32kDa/45- 61kDa
实测分子量	55kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	C2C12,Jurkat
细胞定位	Cytoplasm
纯化	Affinity purification

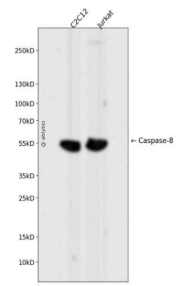
抗原信息

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

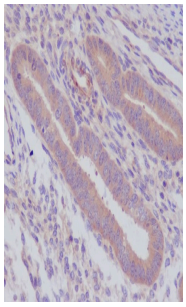
靶点信息

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.
基因ID	841
基因名	CASP8
Swiss	Q14790 (https://www.uniprot.org/uniprotkb/Q14790/entry)
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,Apoptotic cysteine protease,Apoptotic protease Mch-5,MORT1-associated ced-3 homolog

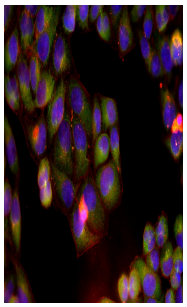
产品验证



Western blot analysis of Caspase-8 expressed in C2C12,Jurkat 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.



Immunohistochemical analysis of paraffin-embedded human uterus, using Caspase-8 Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab Caspase-8 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI(blue).

实验步骤

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