

Caspase-1 Rat mAb

货号: **AYC23300**

产品信息

反应	Mouse,Rat
宿主	Rat
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	10kDa/29kDa/35kDa/42kDa/45kDa
实测分子量	48KDa/33KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse lung,Mouse spleen,Rat lung
细胞定位	Cytoplasm
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 206-220aa of mouse Caspase-1.
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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 2 subunits, large and small, that dimerize to form the active enzyme. This gene was identified by its ability to proteolytically cleave and activate the inactive precursor of interleukin-1, a cytokine involved in the processes such as inflammation, septic shock, and wound healing. This gene has been shown to induce cell apoptosis and may function in various developmental stages. Studies of a similar gene in mouse suggest a role in the pathogenesis of Huntington disease. Alternative splicing results in transcript variants encoding distinct isoforms.
基因ID	12362

基因名	Casp1
Swiss	P29452
别名	CASP1;ICE;IL1BC;P45;caspase-1;Caspase 1

产品验证

实验步骤

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