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Cleaved Caspase-1 (Asp296) Rabbit mAb

货号: AYT1009

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF ELISA
推荐浓度	**WB:** 1:1000 - 1:3000 **IHC:** 1:100-1:200 **IF :** 1:200-1:1000;
理论分子量	10kDa/29kDa/35kDa/42kDa/45kDa
实测分子量	45kD (Calculated) 20kD (Observed)
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	THP-1
细胞定位	Cytoplasm
纯化	Affinity purification

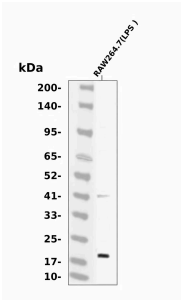
抗原信息

抗原信息	Synthesized peptide derived from Human Cleaved Caspase-1 p20 (Asp210).

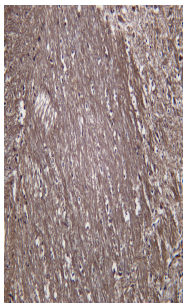
靶点信息

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	834
基因名	CASP1
Swiss	P29466 (https://www.uniprot.org/uniprotkb/P29466/entry)
别名	CASP1,ICE,IL1BC,P45,caspase-1,Caspase 1,Cleaved Caspase-1 p20 (Asp210) Antibody,Interleukin-1 beta convertase,Interleukin-1 beta-converting enzyme,IL1BCE,Cleaved Caspase-1 p20 (Asp210)

产品验证



Western blot analysis of extracts from RAW264.7(LPS）cells using Cleaved Caspase-1 (Asp296) at 1:1000.



Mouse brain was stained with anti-Cleaved Caspase-1 (Asp296) Rabbit antibody，1：100

实验步骤

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