

Caspase-4 Rabbit pAb

货号: B12117

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus IHC: Homo sapiens
应用	WB IHC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200
理论分子量	
实测分子量	43kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SW620,THP-1
细胞定位	AIM2 inflammasome complex,cytoplasm,cytosol,endoplasmic reticulum,extracellular region,IPAF inflammasome complex,mitochondrion,NLRP3 inflammasome complex,plasma membrane
纯化	Affinity purification

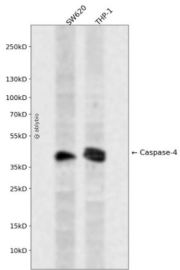
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Caspase-4 (NP_001216.1).
序列	SDSTFLVLSHGLEIGICGTVHDEKKPDVLLYDTIFQIFNNRNCLSLKDKPKVIVQACRGANRGENLWVRDWPASLEVAASSQSSSENLEEDAVYKTHVEKDF

靶点信息

研究背景	This gene encodes a protein that 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 composed of a prodomain and a large and 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 caspase is able to cleave and activate its own precursor protein, as well as caspase 1 precursor. When overexpressed, this gene induces cell apoptosis. Alternative splicing results in transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]
基因ID	837
基因名	CASP4
Swiss	P49662
别名	ICE(rel)II;ICEREL-II;ICH-2;Mih1;Mih1/TX;TX;CASP4

产品验证



Western blot analysis of Caspase-4 expressed in SW620, THP-1 using Caspase-4 Rabbit pAb 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.

实验步骤

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