

— ABLYBIO, Help Your Research



# Cleaved Caspase-8 (Asp374) Rabbit mAb

货号: **AYT1014**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC/IF ELISA
推荐浓度	<b>WB 1:500-1:2000; IF 1:200-1:1000; ELISA 1:5000-1:20000:</b>
理论分子量	55KD
实测分子量	41,43kD
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	
细胞定位	
纯化	Affinity purification

## 抗原信息

抗原信息	
------	--

## 靶点信息

研究背景	Most upstream protease of the activation cascade of caspases responsible for the TNFRSF6/FAS mediated and TNFRSF1A induced cell death. Binding to the adapter molecule FADD recruits it to either receptor. The resulting aggregate called death-inducing signaling complex (DISC) performs CASP8 proteolytic activation. The active dimeric enzyme is then liberated from the DISC and free to activate downstream apoptotic proteases. Proteolytic fragments of the N-terminal propeptide (termed CAP3, CAP5 and CAP6) are likely retained in the DISC. Cleaves and activates CASP3, CASP4, CASP6, CASP7, CASP9 and CASP10. May participate in the GZMB apoptotic pathways. Cleaves ADPRT. Hydrolyzes the small-molecule substrate, Ac-Asp-Glu-Val-Asp-I-AMC. Likely target for the cowpox virus CRMA death inhibitory protein. Isoform 5, isoform 6, isoform 7 and isoform 8 lack the catalytic site and may interfere with the pro-apoptotic activity of the complex. Cleaves RIPK1 at 'Asp-325' which is crucial for limiting apoptosis and necroptosis during embryonic development (By similarity)
基因ID	841
基因名	CASP8 MCH5
Swiss	Q14790 ( <a href="https://www.uniprot.org/uniprotkb/Q14790/entry">https://www.uniprot.org/uniprotkb/Q14790/entry</a> )
别名	ALPS2B; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 12 protein; Apoptotic cysteine protease; Apoptotic protease Mch-5; Apoptotic protease Mch5; CAP4; CASP-8; CASP8; CASP8_HUMAN; Caspase 8; Caspase 8 apoptosis related cysteine peptidase; Caspase-8 subunit p10

## 产品验证

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)