

Calpain small subunit 1 Rabbit mAb

货号: **AYM30318**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	28kDa
实测分子量	28kDa
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	BT-474,U-251MG,SKOV3,Mouse lung,Mouse heart,Mouse spleen,Rat lung
细胞定位	Cell membrane,Cytoplasm
纯化	Affinity purification

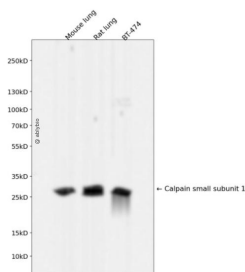
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Calpain small subunit 1.
序列	ISEAAAQYNPEPPPPRTHYSNIEANESEEVQRFRRLFAQLAGDDMEVSATELMNILNKVVTRHPDLKTDGFGIDTCRSMVA VMDSDDTTGKLGFEFKYLWNNIKRWQAIYKQFDTDRSGTICSSSELPGAFAAAGFHLNEHLYNMIIRRYSDSGNMDFDNF ISCLVRLDAMFRAFKSLDKDGTGQIQVNIQEWLQLTMYS

靶点信息

研究背景	This gene is a member of the calpain small subunit family. Calpains are calcium-dependent cysteine proteases that are widely distributed in mammalian cells. Calpains operate as heterodimers, comprising a specific large catalytic subunit (calpain 1 subunit in Calpain I, and calpain 2 subunit in Calpain II), and a common small regulatory subunit encoded by this gene. This encoded protein is essential for the stability and function of both calpain heterodimers, whose proteolytic activities influence various cellular functions including apoptosis, proliferation, migration, adhesion, and autophagy. Calpains have been implicated in neurodegenerative processes, such as myotonic dystrophy. A pseudogene of this gene has been defined on chromosome 1. Alternative splicing results in multiple transcript variants.
基因ID	826
基因名	CAPNS1
Swiss	P04632
别名	CAPNS1;CALPAIN4;CANP;CANPS;CAPN4;CDPS;CSS1

产品验证



Western blot analysis of Calpain small subunit 1 expressed in Mouse lung,Rat lung,BT-474 using Calpain small subunit 1 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.

实验步骤

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