

# CAPN7 Rabbit pAb

货号: AYP20992

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	92kDa
实测分子量	93kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat
细胞定位	centrosome,cytosol,extracellular exosome,nucleus
纯化	Affinity purification

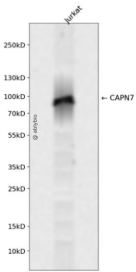
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 20-220 of human CAPN7 (NP_055111.1).
序列	RDHEGRYSEAVFYKQAAQALIYAEMAGSSLENIQEKITEYLERVQALHSVQSKSADPLKSKHQDLERAHFLVTQAFDE DEKENVEDAIELYTEAVDLCLKTSYETADKVLQNKLQKLARQALDRAEALSEPLTKPVGKISSTSVKPKPPPVR AHFPLGANP FLERPQSFIS PQSCDAQQRYTAAEEIEVLRRTTSKING

## 靶点信息

研究背景	Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The function of the protein encoded by this gene is not known. An orthologue has been found in mouse but it seems to diverge from other family members. The mouse orthologue is thought to be calcium independent with protease activity. [provided by RefSeq, Jul 2008]
基因ID	23473
基因名	CAPN7
Swiss	Q9Y6W3
别名	CALPAIN7;PALBH;CAPN7;calpain-7

## 产品验证



Western blot analysis of CAPN7 expressed in Jurkat using CAPN7 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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