

# HSPA2 Rabbit mAb

货号: **AYM30687**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	70kDa
实测分子量	70kDa
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	MCF7,A-549,SKOV3,HeLa,A-431,Mouse brain,Mouse testis,Rat brain,Rat kidney
细胞定位	blood microparticle,cell surface,cytoplasm,cytosol,extracellular exosome,male germ cell nucleus,meiotic spindle,nucleus,plasma membrane
纯化	Affinity purification

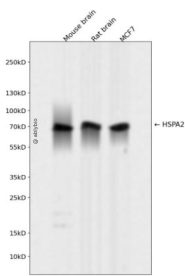
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human HSPA2.
序列	TPLSLGIETAGGVMTPLIKRNTTIPTKQTQFTFTYSQSSVLVQVYEGERAMTKDNNLLGKFDLTGIPPAPRGVVPQIEVTF DIDANGILNVTAADKSTGKENKITITNDKGRSLKDDIDRMVQEAERYKSEDEANRDRVAAKNALESYTYNIKQTVEDEKLR GKISEQDKNKILDKCQEVINWLDNRNQMAEKDEYEHKQKELERVCNPIISKLYQGGPGGGSGGGSGASGGPTIEEVD

## 靶点信息

研究背景	Molecular chaperone implicated in a wide variety of cellular processes, including protection of the proteome from stress, folding and transport of newly synthesized polypeptides, activation of proteolysis of misfolded proteins and the formation and dissociation of protein complexes. Plays a pivotal role in the protein quality control system, ensuring the correct folding of proteins, the re-folding of misfolded proteins and controlling the targeting of proteins for subsequent degradation. This is achieved through cycles of ATP binding, ATP hydrolysis and ADP release, mediated by co-chaperones. The affinity for polypeptides is regulated by its nucleotide bound state. In the ATP-bound form, it has a low affinity for substrate proteins. However, upon hydrolysis of the ATP to ADP, it undergoes a conformational change that increases its affinity for substrate proteins. It goes through repeated cycles of ATP hydrolysis and nucleotide exchange, which permits cycles of substrate binding and release. Plays a role in spermatogenesis. In association with SHCBP1L may participate in the maintenance of spindle integrity during meiosis in male germ cells (By similarity).
基因ID	3306
基因名	HSPA2
Swiss	P54652
别名	HSPA2;HSP70-2;HSP70-3

## 产品验证



Western blot analysis of HSPA2 expressed in Mouse brain, Rat brain, MCF7 using HSPA2 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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