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# Caveolin-2 Rabbit mAb

货号: **AYM28407**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50
理论分子量	18kDa
实测分子量	27kDa
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	HeLa,293T,Mouse lung
细胞定位	Cell membrane,Cytoplasm,Golgi apparatus membrane,Membrane,Nucleus,Peripheral membrane protein, caveola
纯化	Affinity purification

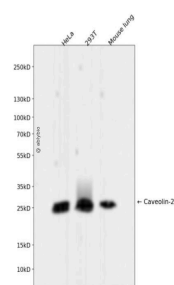
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Caveolin-2.
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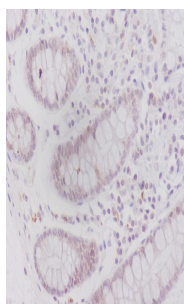
## 靶点信息

研究背景	The protein encoded by this gene is a major component of the inner surface of caveolae, small invaginations of the plasma membrane, and is involved in essential cellular functions, including signal transduction, lipid metabolism, cellular growth control and apoptosis. This protein may function as a tumor suppressor. This gene and related family member (CAV1) are located next to each other on chromosome 7, and express colocalizing proteins that form a stable hetero-oligomeric complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. Additional isoforms resulting from the use of alternate in-frame translation initiation codons have also been described, and shown to have preferential localization in the cell (PMID:11238462). [provided by RefSeq, May 2011]
基因ID	858
基因名	CAV2
Swiss	P51636 ( <a href="https://www.uniprot.org/uniprotkb/P51636/entry">https://www.uniprot.org/uniprotkb/P51636/entry</a> )
别名	Caveolin-2,CAV,CAV2,CAV2_HUMAN,Caveolae protein 20 kD,Caveolin 2,Caveolin 2 isoform a and b,MGC12294,OTTHUMP00000025032,OTTHUMP00000195982,Caveolin-2 Rabbit mAb

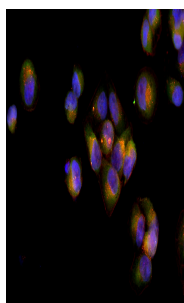
## 产品验证



Western blot analysis of Caveolin-2 expressed in HeLa,293T,Mouse lung using Caveolin-2 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.



Immunohistochemical analysis of paraffin-embedded human colon, using Caveolin-2 Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab Caveolin-2 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat. The nuclear counter stain is DAPI(blue).

## 实验步骤

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