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Caveolin-2 Rabbit pAb

货号: **AYP22683**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	18kDa
实测分子量	21KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Mouse lung
细胞定位	Cell membrane,Cytoplasm,Golgi apparatus membrane,Membrane,Nucleus,Peripheral membrane protein, caveola
纯化	Affinity purification

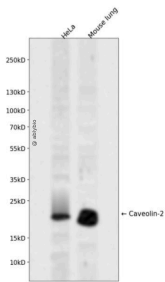
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-65 of human CAV2 (N P_001224.1).
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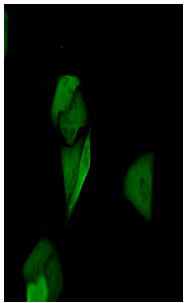
靶点信息

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 (https://www.uniprot.org/uniprotkb/P51636/entry)
别名	CAV,CAV2,CAV2_HUMAN,Caveolae protein 20 kD,Caveolin 2,Caveolin 2 isoform a and b,Caveolin-2,MGC12294,OTTHUMP00000025032,OTTHUMP00000195982,Caveolin-2 Rabbit pAb

产品验证



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



Immunofluorescence analysis of HeLa cells labelling Caveolin-2 with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

实验步骤

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