Caveolin-1(16G7)Rabbit Monoclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM34126	Caveolin-1(16G7)Rabbit Monoclonal Antibody	-20℃	1 年

产品介绍：

别名	BSCL3;CGL3;caveolin 1,caveolae protein, 22kDa; Caveolin-1; VIP21; CAV;CAV1.
类别	抗原抗体
基因名称	CAV1
蛋白名称	CAV
推荐应用	WB,IHC-P,IF-ICC,FCM,IP,IF-P
反应种属	Human,Mouse
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	857
免疫原	Recombinant protein of human Caveolin-1
稀释度	WB 1:2000,IHC-P/IF-P 1:20-1:500,IF-ICC 1:50,FCM 1:20,IP 1:20
参考分子量	20kDa
预测分子量	20kDa
运输及保存条件	-20℃/1 year
宿主	Rabbit
同种型	IgG

注意事项	Caveolin-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
组织表达	Skeletal muscle, liver, stomach, lung, kidney and heart (at protein level). Expressed in the brain
细胞定位	Golgi apparatus membrane;Peripheral membrane protein.Cell membrane;Peripheral membrane protein.Membrane, caveola;Peripheral membrane protein.Membrane raft.Golgi apparatus,trans Golgi network {ECO:0000250|UniProtKB:P33724} Note=Colocalized with DPP4 inmembrane rafts.Potential hairpin-like structure in the membrane.Membrane protein of caveolae.
功能	May act as a scaffolding protein within caveolar membranes(PubMed:11751885). Forms a stable heterooligomeric complex with CAV2 that targets to lipid rafts and drives caveolae formation. Mediates the recruitment of CAVIN proteins (CAVIN1/2/3/4) to the caveolae(PubMed:19262564).Interacts directly with G-protein alpha subunits and can functionally regulate their activity (By similarity).Involved in the costimulatory signal essential for T-cell receptor (TCR)-mediated T-cell activation.Its binding to DPP4 induces T-cell proliferation and NF-kappa-B activation in a T-cell receptor/CD3-dependent manner(PubMed:17287217).Recruits CTNNB1 to caveolar membranes and may regulate CTNNB1-mediated signaling through the Wnt pathway (By similarity).Negatively regulates TGFB1-mediated activation of SMAD2/3 by mediating the internalization of TGFBR1 from membrane rafts leading to its subsequent degradation (PubMed:25893292).
Clonality	Monoclonal

注意事项：

1. 本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。
2. 为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。
3. 实验结果可由多种因素影响，相关处理只限于产品本身，不涉及其他赔偿。

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