

产品名称: TSLC1 Rabbit Polyclonal Antibody

产品货号: APRab19368

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
分子量(Molecular Weight)	49kDa

抗原信息(Antigen Information)

基因名(Gene Name)	CADM1
别名(Alternative Names)	CADM1; IGSF4; IGSF4A; NECL2; SYNCAM; TSLC1; Cell adhesion molecule 1; Immunoglobulin superfamily member 4; IgSF4; Nectin-like protein 2; NECL-2; Spermatogenic immunoglobulin superfamily; SgIgSF; Synaptic cell adhesion molecule; SynCAM; Tumo
基因 ID(Gene ID)	23705.0
SwissProt ID	Q9BY67
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human CADM1. AA range:393-442

研究背景 (Background)

disease:Absent or down-regulated in many advanced cases of NSCLC as well as in many other human cancers, due to gene silencing by promoter methylation.,domain:The cytoplasmic domain appears to play a critical role in proapoptosis and tumor suppressor activity in NSCLC.,function:Mediates homophilic cell-cell adhesion in a Ca^{2+} -independent manner. Also mediates heterophilic cell-cell adhesion with CADM3 and PVRL3 in a Ca^{2+} -independent manner. Acts as a tumor suppressor in non-small-cell lung cancer (NSCLC) cells. Interaction with CRTAM promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8^{+} cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo. May contribute to the less invasive phenotypes of lepidic growth tumor cells. In mast cells, may mediate attachment to and promote communication with nerves. CADM1, together with MTF, is essential for development and survival of mast cells in vivo. May act as a synaptic cell adhesion molecule that drives synapse assembly. May be involved in neuronal migration, axon growth, pathfinding, and fasciculation on the axons of differentiating neurons. May play diverse roles in the spermatogenesis including in the adhesion of spermatocytes and spermatids to Sertoli cells and for their normal differentiation into mature spermatozoa.,similarity:Belongs to the nectin family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Associates with perinuclear and plasma membranes in vivo. Localized to the basolateral plasma membrane of epithelial cells in gall bladder.,subunit:Homodimer. Interacts with CRTAM and EPB41L3/DAL1. The interaction with EPB41L3/DAL1 may act to anchor CADM1 to the actin cytoskeleton. Interacts via its C-terminus with the PDZ domain of MPP3 and the PDZ domain of MPP6.,disease:Absent or down-regulated in many advanced cases of NSCLC as well as in many other human cancers, due to gene silencing by promoter methylation.,domain:The cytoplasmic domain appears to play a critical role in proapoptosis and tumor suppressor activity in NSCLC.,function:Mediates homophilic cell-cell adhesion in a Ca^{2+} -independent manner. Also mediates heterophilic cell-cell adhesion with CADM3 and PVRL3 in a Ca^{2+} -independent manner. Acts as a tumor suppressor in non-small-cell lung cancer (NSCLC) cells. Interaction with CRTAM promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8^{+} cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo. May contribute to the less invasive phenotypes of lepidic growth tumor cells. In mast cells, may mediate attachment to and promote communication with nerves. CADM1, together with MTF, is essential for development and survival of mast cells in vivo. May act as a synaptic cell adhesion molecule that drives synapse assembly. May be involved in neuronal migration, axon growth, pathfinding, and fasciculation on the axons of differentiating neurons. May play diverse roles in the spermatogenesis including in the adhesion of spermatocytes and spermatids to Sertoli cells and for their normal differentiation into mature spermatozoa.,similarity:Belongs to the nectin family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Associates with perinuclear and plasma membranes in vivo. Localized to the basolateral plasma membrane of epithelial cells in gall bladder.,subunit:Homodimer. Interacts with CRTAM and EPB41L3/DAL1. The interaction with EPB41L3/DAL1 may act to anchor CADM1 to the actin cytoskeleton. Interacts via its C-terminus with the PDZ domain of MPP3 and the PDZ domain of MPP6.,

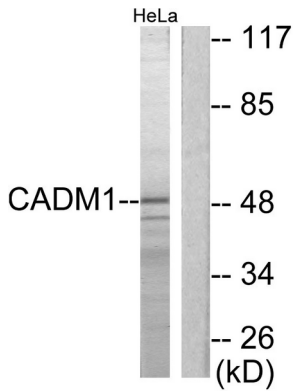
研究领域 (Research Area)

Cell adhesion molecules (CAMs);

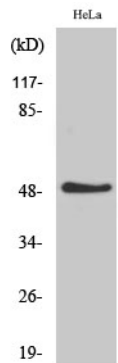
注意事项 (Note)

For research use only.

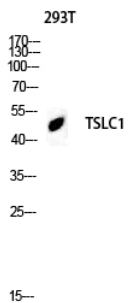
图片 (Image Data)



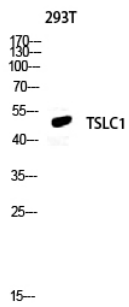
Western blot analysis of lysates from HeLa cells, using CADM1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using TSLC1 Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000



Western blot analysis of 293T lysis using TSLC1 antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Western blot analysis of 293T lysis using TSLC1 antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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