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CADM1 Rabbit pAb

货号: **AYP12482**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	36kDa/45kDa/48kDa/49kDa/51kDa
实测分子量	50KDa
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	Human plasma,Mouse lung,Rat lung
细胞定位	Cell junction,Cell membrane,Single-pass type I membrane protein,synapse
纯化	Affinity purification

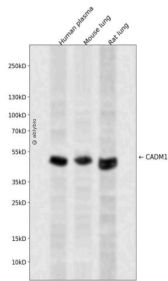
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 45-344 of human CADM 1 (NP_055148.3).
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靶点信息

研究背景	Mediates homophilic cell-cell adhesion in a Ca ²⁺ -independent manner. Also mediates heterophilic cell-cell adhesion with CADM3 and NECTIN3 in a Ca ²⁺ -independent manner (By similarity. 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 CADM1 in vivo. In mast cells, may mediate attachment to and promote communication with nerves. CADM1, together with MITF, is essential for development and survival of mast cells in vivo. By interacting with CRTAM and thus promoting the adhesion between CD8+ T-cells and CD8+ dendritic cells, regulates the retention of activated CD8+ T-cell within the draining lymph node (By similarity. Required for the intestinal retention of intraepithelial CD4+ CD8+ T-cells and, to a lesser extent, intraepithelial and lamina propria CD8+ T-cells and CD4+ T-cells (By similarity. Interaction with CRTAM promotes the adhesion to gut-associated CD103+ dendritic cells, which may facilitate the expression of gut-homing and adhesion molecules on T-cells and the conversion of CD4+ T-cells into CD4+ CD8+ T-cells (By similarity. Acts as a synaptic cell adhesion molecule and plays a role in the formation of dendritic spines and in synapse assembly (By similarity.
基因ID	23705
基因名	CADM1
Swiss	Q9BY67 (https://www.uniprot.org/uniprotkb/Q9BY67/entry)
别名	CADM1,BL2,IGSF4,IGSF4A,NECL2,Necl-2,RA175,ST17,SYNCAM,TSLC1,sTSLC-1,sgIGSF,synCAM1,CADM1 Rabbit pAb,Immunoglobulin superfamily member 4,Nectin-like protein 2,Spermatogenic immunoglobulin superfamily,Synaptic cell adhesion molecule,Tumor suppressor in lung cancer 1

产品验证



Western blot analysis of CADM1 expressed in Human plasma, Mouse lung, Rat lung using CADM1 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.

实验步骤

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