

产品名称: T-cadherin Rabbit Polyclonal Antibody
产品货号: APRab18714



产品概述 (Summary)

产品名称 (Production Name)	T-cadherin Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (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.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CDH13
别名 (Alternative Names)	CDH13; CDHH; Cadherin-13; Heart cadherin; H-cadherin; P105; Truncated cadherin; T-cad; T-cadherin
基因 ID (Gene ID)	1012.0
蛋白 ID (SwissProt ID)	P55290.The antiserum was produced against synthesized peptide derived from human CDH13. AA range:331-380

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	78kDa

产品名称: T-cadherin Rabbit Polyclonal Antibody
产品货号: APRab18714



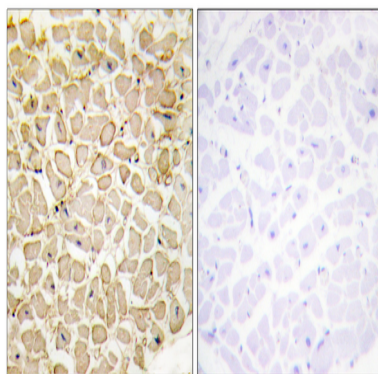
研究背景 (Background)

This gene encodes a member of the cadherin superfamily. The encoded protein is localized to the surface of the cell membrane and is anchored by a GPI moiety, rather than by a transmembrane domain. The protein lacks the cytoplasmic domain characteristic of other cadherins, and so is not thought to be a cell-cell adhesion glycoprotein. This protein acts as a negative regulator of axon growth during neural differentiation. It also protects vascular endothelial cells from apoptosis due to oxidative stress, and is associated with resistance to atherosclerosis. The gene is hypermethylated in many types of cancer. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2011],developmental stage:Expressed at higher levels in adult brain than in developing brain.,function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. May act as a negative regulator of neural cell growth.,similarity:Contains 5 cadherin domains.,tissue specificity:Highly expressed in heart. In the CNS, expressed in cerebral cortex, medulla, hippocampus, amygdala, thalamus and substantia nigra. No expression detected in cerebellum or spinal cord.,

研究领域 (Research Area)

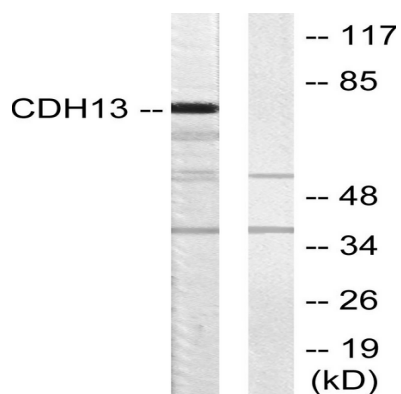
Adherens_Junction

图片 (Image Data)

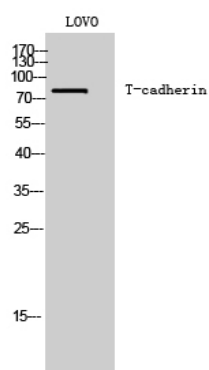


Immunohistochemistry analysis of paraffin-embedded human heart tissue, using CDH13 Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: T-cadherin Rabbit Polyclonal Antibody
产品货号: APRab18714



Western blot analysis of lysates from LOVO cells, using CDH13 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of LOVO cells using T-cadherin Polyclonal Antibody

注意事项 (Note)

For research use only .