

产品名称: M-cadherin Rabbit Polyclonal Antibody
产品货号: APRab13702



产品概述 (Summary)

产品名称 (Production Name)	M-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)	CDH15
别名 (Alternative Names)	CDH15; CDH14; CDH3; Cadherin-15; Cadherin-14; Muscle cadherin; M-cadherin
基因 ID (Gene ID)	1013.0
蛋白 ID (SwissProt ID)	P55291.The antiserum was produced against synthesized peptide derived from human CDH15. AA range:81-130

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	89kDa

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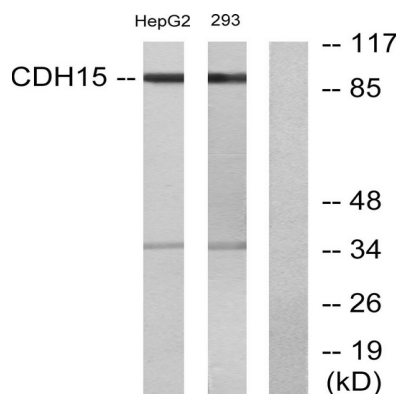
研究背景 (Background)

This gene is a member of the cadherin superfamily of genes, encoding calcium-dependent intercellular adhesion glycoproteins. Cadherins consist of an extracellular domain containing 5 cadherin domains, a transmembrane region, and a conserved cytoplasmic domain. Transcripts from this particular cadherin are expressed in myoblasts and upregulated in myotubule-forming cells. The protein is thought to be essential for the control of morphogenetic processes, specifically myogenesis, and may provide a trigger for terminal muscle cell differentiation. [provided by RefSeq, Jul 2008],disease:A chromosomal aberration involving CDH15 and KIRREL3 is found in a patient with severe mental retardation and dysmorphic facial features. Translocation t(11;16)(q24.2;q24),disease:Defects in CDH15 are the cause of mental retardation autosomal dominant type 3 (MRD3) [MIM:612580]. Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptive behavior and manifested during the developmental period.,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. M-cadherin is part of the myogenic program and may provide a trigger for terminal muscle differentiation.,similarity:Contains 5 cadherin domains.,tissue specificity:Expressed in the brain and cerebellum.,

研究领域 (Research Area)

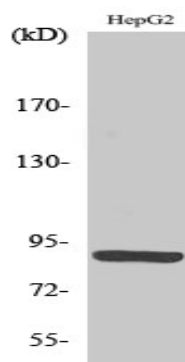
Cell adhesion molecules (CAMs);

图片 (Image Data)



Western blot analysis of lysates from HepG2 and 293 cells, using CDH15 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using M-cadherin Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .