

产品名称: p120 Rabbit Polyclonal Antibody
产品货号: AP Rab15566



产品概述 (Summary)

产品名称 (Production Name)	p120 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)	CTNND1
别名 (Alternative Names)	CTNND1; KIAA0384; Catenin delta-1; Cadherin-associated Src substrate; CAS; p120 catenin; p120(ctn); p120(cas)
基因 ID (Gene ID)	1500.0
蛋白 ID (SwissProt ID)	O60716.The antiserum was produced against synthesized peptide derived from human Catenin-delta1. AA range:201-250

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	108kDa

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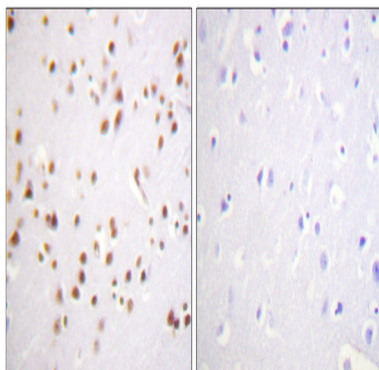
研究背景 (Background)

catenin delta 1 (CTNND1) Homo sapiens This gene encodes a member of the Armadillo protein family, which function in adhesion between cells and signal transduction. Multiple translation initiation codons and alternative splicing result in many different isoforms being translated. Not all of the full-length natures of the described transcript variants have been determined. Read-through transcription also exists between this gene and the neighboring upstream thioredoxin-related transmembrane protein 2 (TMX2) gene. [provided by RefSeq, Dec 2010], alternative products: Experimental confirmation may be lacking for some isoforms, disease: May contribute to cell malignancy. Complete loss of expression was observed in approximately 10% of invasive ductal breast carcinomas investigated., domain: A possible nuclear localization signal exists in all isoforms where Asp-626--631-Arg are deleted., function: Binds to and inhibits the transcriptional repressor ZBTB33, which may lead to activation of target genes of the Wnt signaling pathway (By similarity). May associate with and regulate the cell adhesion properties of both C- and E-cadherins. Implicated both in cell transformation by SRC and in ligand-induced receptor signaling through the EGF, PDGF, CSF-1 and ERBB2 receptors. Promotes GLIS2 C-terminal cleavage., induction: Induced in vascular endothelium by wounding. This effect is potentiated by prior laminar shear stress, which enhances wound closure., PTM: Phosphorylated., similarity: Belongs to the beta-catenin family., similarity: Contains 10 ARM repeats., subcellular location: Interaction with GLIS2 promotes nuclear translocation., subunit: Belongs to a multiprotein cell-cell adhesion complex that also contains E-cadherin, alpha-catenin, beta-catenin, and gamma-catenin. Binds to the C-terminal fragment of PSEN1 and mutually competes for E-cadherin. Interacts with ZBTB33. Interacts with GLIS2., tissue specificity: Expressed in vascular endothelium.,

研究领域 (Research Area)

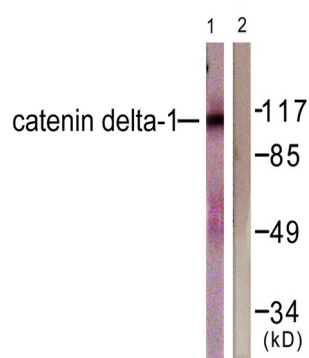
Adherens_Junction; Leukocyte transendothelial migration;

图片 (Image Data)

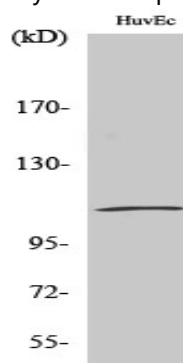


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Catenin-delta1 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HUVEC cells, using Catenin-delta1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using p120 Polyclonal Antibody

注意事项 (Note)

For research use only .