

产品名称: APLP-1 Rabbit Polyclonal Antibody
产品货号: APRab07013



产品概述 (Summary)

产品名称 (Production Name)	APLP-1 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

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)	APLP1
别名 (Alternative Names)	APLP1; Amyloid-like protein 1; APLP; APLP-1
基因 ID (Gene ID)	333.0
蛋白 ID (SwissProt ID)	P51693.Synthesized peptide derived from APLP-1 . at AA range: 360-440

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)	72kDa

研究背景 (Background)

This gene encodes a member of the highly conserved amyloid precursor protein gene family. The encoded protein is a

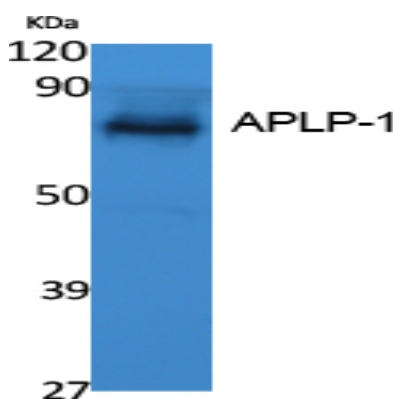
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membrane-associated glycoprotein that is cleaved by secretases in a manner similar to amyloid beta A4 precursor protein cleavage. This cleavage liberates an intracellular cytoplasmic fragment that may act as a transcriptional activator. The encoded protein may also play a role in synaptic maturation during cortical development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008],domain:The NPXY sequence motif found in many tyrosine-phosphorylated proteins is required for the specific binding of the PID domain. However, additional amino acids either N- or C-terminal to the NPXY motif are often required for complete interaction. The NPXY site is also involved in clathrin-mediated endocytosis.,function:May play a role in postsynaptic function. The C-terminal gamma-secretase processed fragment, ALID1, activates transcription activation through APBB1 (Fe65) binding (By similarity). Couples to JIP signal transduction through C-terminal binding. May interact with cellular G-protein signaling pathways. Can regulate neurite outgrowth through binding to components of the extracellular matrix such as heparin and collagen I.,function:The gamma-CTF peptide, C30, is a potent enhancer of neuronal apoptosis.,miscellaneous:Binds zinc and copper in the extracellular domain. Zinc-binding increases heparin binding. No Cu(2+) reducing activity with copper-binding.,PTM:N- and O-glycosylated.,PTM:Proteolytically cleaved by caspases during neuronal apoptosis. Cleaved, in vitro, at Asp-620 by caspase-3.,similarity:Belongs to the APP family.,subcellular location:C-terminally processed in the Golgi complex.,subunit:Binds, via its C-terminus, to the PID domain of several cytoplasmic proteins, including APBB and APBA family members, MAPK8IP1 and Dab1 (By similarity). Binding to Dab1 inhibits its serine phosphorylation (By similarity). Interacts with CPEB1.,tissue specificity:Expressed in the cerebral cortex where it is localized to the postsynaptic density (PSD),.

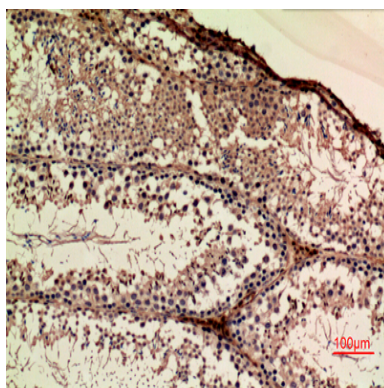
研究领域 (Research Area)

图片 (Image Data)

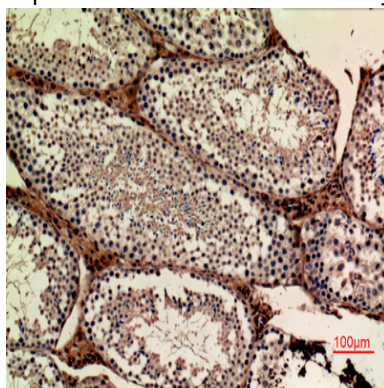


Western Blot analysis of extracts from K562 cells, using APLP-1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

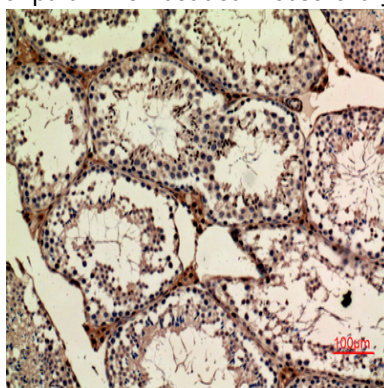
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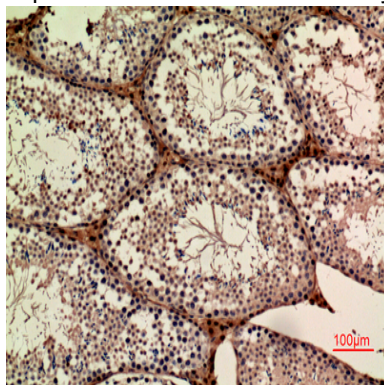
Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100



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Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100

注意事项 (Note)

For research use only .