

产品名称: Unc18-1 Rabbit Polyclonal Antibody
产品货号: APRab19630



产品概述 (Summary)

产品名称 (Production Name)	Unc18-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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)	STXBP1
别名 (Alternative Names)	STXBP1; UNC18A; Syntaxin-binding protein 1; MUNC18-1; N-Sec1; Protein unc-18 homolog 1; Unc18-1; Protein unc-18 homolog A; Unc-18A; p67
基因 ID (Gene ID)	6812.0
蛋白 ID (SwissProt ID)	P61764. The antiserum was produced against synthesized peptide derived from human MUNC-18a. AA range: 279-328

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

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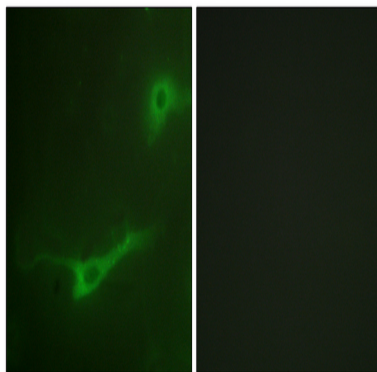
研究背景 (Background)

This gene encodes a syntaxin-binding protein. The encoded protein appears to play a role in release of neurotransmitters via regulation of syntaxin, a transmembrane attachment protein receptor. Mutations in this gene have been associated with infantile epileptic encephalopathy-4. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010], disease: Defects in STXBP1 are the cause of early infantile epileptic encephalopathy type 4 (EIEE4) [MIM:612164]. Affected individuals have neonatal or infantile onset of seizures, suppression-burst pattern on EEG, profound mental retardation, and MRI evidence of hypomyelination., function: May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions., similarity: Belongs to the STXBP/unc-18/SEC1 family., subunit: Binds SYTL4 and STX1A., tissue specificity: Brain and spinal cord. Highly enriched in axons.,

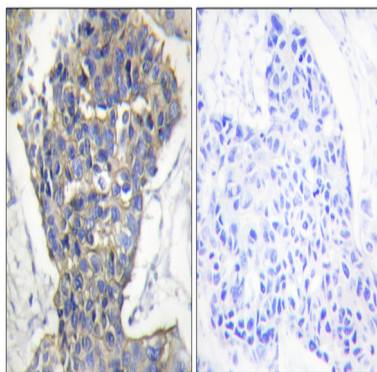
研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Immunofluorescence analysis of NIH/3T3 cells, using MUNC-18a Antibody. The picture on the right is blocked with the synthesized peptide.



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Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MUNC-18a Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .