

产品名称: Synaptotagmin XI Rabbit Polyclonal Antibody
产品货号: AP Rab18498



产品概述 (Summary)

产品名称 (Production Name)	Synaptotagmin XI Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	SYT11
别名 (Alternative Names)	SYT11; KIAA0080; Synaptotagmin-11; Synaptotagmin XI; SytXI
基因 ID (Gene ID)	23208.0
蛋白 ID (SwissProt ID)	Q9BT88.The antiserum was produced against synthesized peptide derived from human SYT11. AA range:181-230

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	48kDa

研究背景 (Background)

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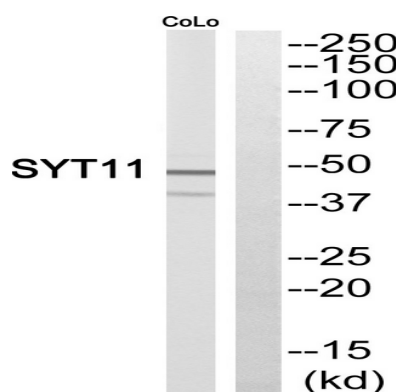


synaptotagmin 11(SYT11) Homo sapiens This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that are known calcium sensors and mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. The encoded protein is also a substrate for ubiquitin-E3-ligase parkin. The gene has previously been referred to as synaptotagmin XII but has been renamed synaptotagmin XI to be consistent with mouse and rat official nomenclature. [provided by RefSeq, Apr 2010],cofactor: Binds 3 calcium ions per subunit. The ions are bound to the C2 domains.,function: May be involved in Ca^{2+} -dependent exocytosis of secretory vesicles through Ca^{2+} and phospholipid binding to the C2 domain or may serve as Ca^{2+} sensors in the process of vesicular trafficking and exocytosis.,PTM: Ubiquitinated and targeted to the proteasome complex for degradation.,similarity: Belongs to the synaptotagmin family.,similarity: Contains 2 C2 domains.,subcellular location: In substantia nigra, observed in neuronal cell bodies and neurites. Found in the core of the Lewy bodies in the brain of sporadic Parkinson disease patients.,subunit: Homodimer. Can also form heterodimers (By similarity). Interacts with PARK2.,

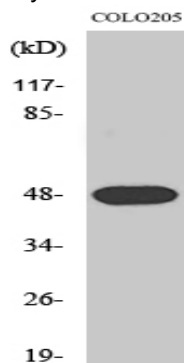
研究领域 (Research Area)

Neuroscience; Neurotransmission; Secretory Vesicles

图片 (Image Data)



Western blot analysis of SYT11 Antibody. The lane on the right is blocked with the SYT11 peptide.



Western Blot analysis of various cells using Synaptotagmin XI Polyclonal Antibody

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注意事项 (Note)

For research use only .