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SYT13 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5482a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q7L8C5
Other Accession	NP_065877.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26917
Calculated MW	46885
Antigen Region	25-52

Additional Information

Gene ID	57586
Other Names	Synaptotagmin-13, Synaptotagmin XIII, SytXIII, SYT13, KIAA1427
Target/Specificity	This SYT13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-52 amino acids from the N-terminal region of human SYT13.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SYT13 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SYT13
Synonyms	KIAA1427
Function	May be involved in transport vesicle docking to the plasma membrane.

Cellular Location	Membrane; Single-pass membrane protein
Tissue Location	Expressed in brain, pancreas and kidney.

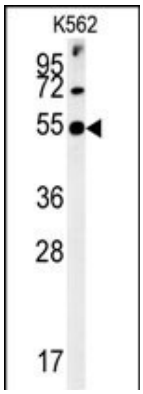
Background

SYT13 belongs to the large synaptotagmin protein family. All synaptotagmins show type I membrane topology, with an extracellular N terminus, a single transmembrane region, and a cytoplasmic C terminus containing tandem C2 domains. Major functions of synaptotagmins include vesicular traffic, exocytosis, and secretion.

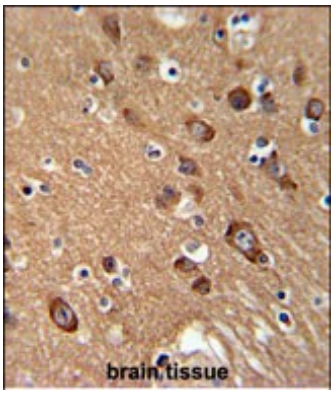
References

Jahn, J.E., et al. Int. J. Oncol. 32(2):441-449(2008)
Craxton, M. Genomics 77 (1-2), 43-49 (2001) :
Fukuda, M., et al. Biochem. J. 354 (PT 2), 249-257 (2001) :
Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

Images



SYT13 Antibody (N-term) (Cat.#AP5482a) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the SYT13 antibody detected the SYT13 protein (arrow).



SYT13 Antibody (N-term) (Cat. #AP5482a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SYT13 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- Glucocorticoid induces human beta cell dysfunction by involving riborepressor GAS5 LincRNA

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.