

SYT13 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5482a

Specification

SYT13 Antibody (N-term) - Product Information

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

SYT13 Antibody (N-term) - 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~~1:50~100

Format

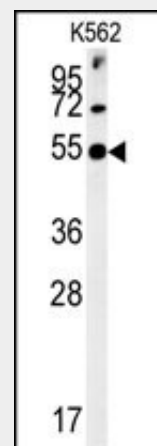
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

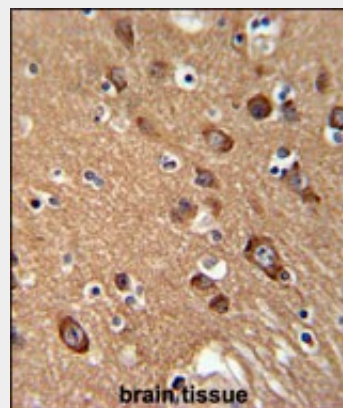
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SYT13 Antibody (N-term) is for research use only and not for use in diagnostic or



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.

SYT13 Antibody (N-term) - Background

SYT13 belongs to the large synaptotagmin protein family.

therapeutic procedures.

SYT13 Antibody (N-term) - 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.

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.

SYT13 Antibody (N-term) - 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)

SYT13 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SYT13 Antibody (N-term) - Citations

- [Glucocorticoid induces human beta cell dysfunction by involving riborepressor GAS5 LincRNA](#)