

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 IgG
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 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

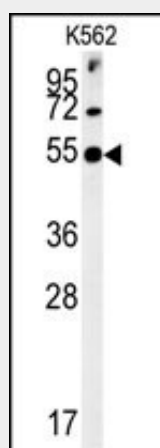
Expressed in brain, pancreas and kidney.

SYT13 Antibody (N-term) - Protocols

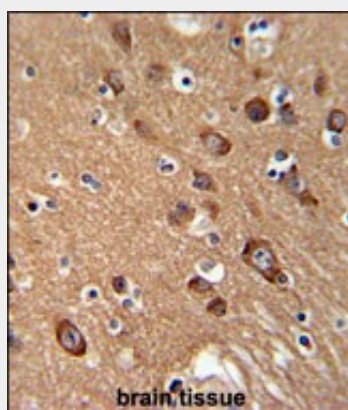
Provided below are standard protocols that you may find useful for product applications.

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

SYT13 Antibody (N-term) - 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.

SYT13 Antibody (N-term) - 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.

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) - Citations

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