

Datasheet for ABIN7444403
anti-SYT1 antibody (AA 136-422)

5 Images

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Overview

Quantity:	100 µL
Target:	SYT1
Binding Specificity:	AA 136-422
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Synaptotagmin I (SYT1)
Immunogen:	Recombinant Synaptotagmin I (SYT1) corresponding to Glu136~Lys422 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SYT1. It has been selected for its ability to recognize SYT1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

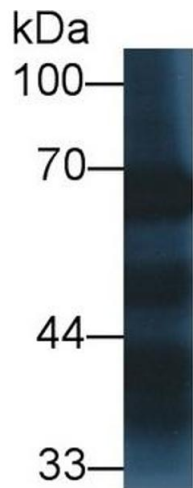
Target:	SYT1
Alternative Name:	Synaptotagmin I (SYT1 Products)
Background:	SYT, P65, SVP65, Synaptotagmin 1
Pathways:	Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

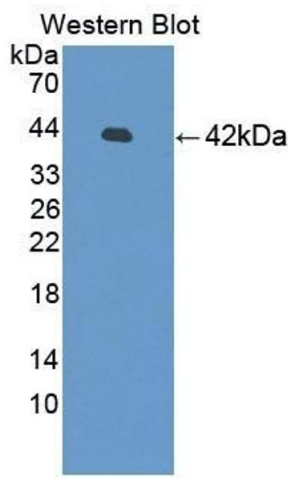
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



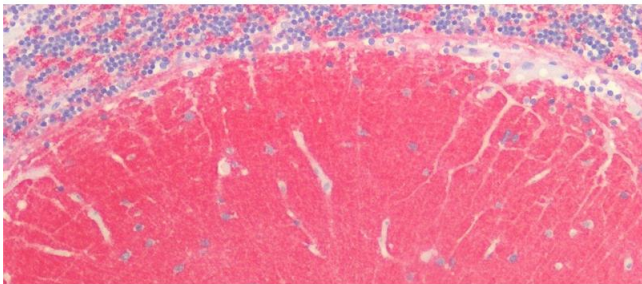
Western Blotting

Image 1. Detection of SYT1 in Rat Cerebrum lysate using Polyclonal Antibody to Synaptotagmin I (SYT1)



Western Blotting

Image 2. Detection of Recombinant SYT1, Human using Polyclonal Antibody to Synaptotagmin I (SYT1)



Immunohistochemistry

Image 3. Detection of SYT1 in Human Cerebellum Tissue using Polyclonal Antibody to Synaptotagmin I (SYT1)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7444403.