

Datasheet for ABIN754888

anti-Synaptotagmin antibody (AA 165-260)



[Go to Product page](#)

5 Images

Overview

Quantity:	100 µL
Target:	Synaptotagmin (SYT)
Binding Specificity:	AA 165-260
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Synaptotagmin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Synaptotagmin 1
Isotype:	IgG
Specificity:	This antibody will cross-react with Synaptotagmin 2 and
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

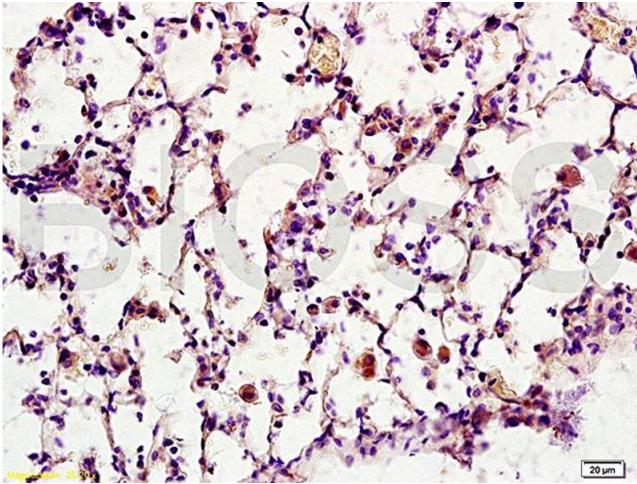
Target:	Synaptotagmin (SYT)
Alternative Name:	Synaptotagmin (SYT Products)
Background:	<p>Synonyms: P65, SYT, SVP65, Synaptotagmin-1, Synaptotagmin I, Sytl, SYT1</p> <p>Background: May have a regulatory role in the membrane interactions during trafficking of synaptic vesicles at the active zone of the synapse. It binds acidic phospholipids with a specificity that requires the presence of both an acidic head group and a diacyl backbone. A Ca(2+)-dependent interaction between synaptotagmin and putative receptors for activated protein kinase C has also been reported. It can bind to at least three additional proteins in a Ca(2+)-independent manner, these are neuexins, syntaxin and AP2.</p>
Gene ID:	6857
UniProt:	P21579

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

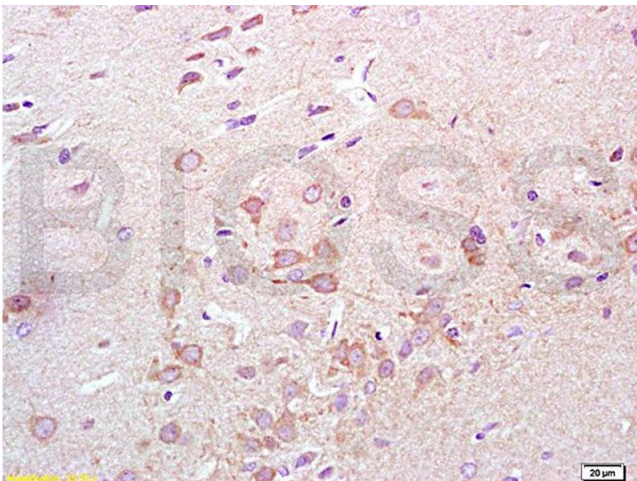
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.



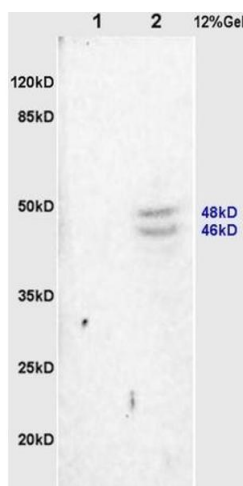
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-Synaptotagmin 1/SYT1 Polyclonal Antibody, Unconjugated (ABIN754888) at 1:200 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat lung tissue labeled with Anti-Synaptotagmin 1/SYT1 Polyclonal Antibody, Unconjugated (ABIN754888) at 1:200 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining



SDS-PAGE

Image 3. L1 rat heart, L2 rat brain lysates probed (ABIN754888) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted and observed band size: 46kDa.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN754888.