antibodies -online.com







anti-SYN1 antibody (AA 201-300)





Publication



Overview

Quantity:	100 μL
Target:	SYN1
Binding Specificity:	AA 201-300
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Synapsin I
Isotype:	IgG
Specificity:	This antibody will detect both isoforms of Synapsin 1.
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Pig
Purification:	Purified by Protein A.

Target Details

Target:	SYN1
Alternative Name:	Synapsin 1 (SYN1 Products)
Background:	Synonyms: SYNI, SYN1a, SYN1b, Synapsin-1, Brain protein 4.1, Synapsin I, SYN1
	Background: Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton,
	and is believed to function in the regulation of neurotransmitter release. The complex formed
	with NOS1 and CAPON proteins is necessary for specific nitric-oxid functions at a presynaptic
	level.
Gene ID:	6853
UniProt:	P17600

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

Handling

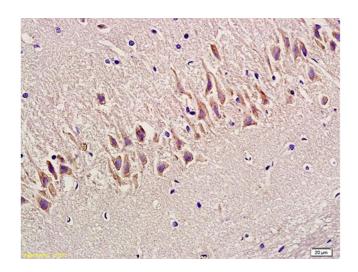
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:

Luo, Guo, Fan, Lu, Chen, Wang, Shao, Wu, Xu, Lü: "Niche astrocytes promote the survival, proliferation and neuronal differentiation of co-transplanted neural stem cells following ischemic stroke in rats." in: **Experimental and therapeutic medicine**, Vol. 13, Issue 2, pp. 645-650, (2017) (PubMed).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat hippocampus labeled with Anti-SYN1/Synapsin 1 Polyclonal Antibody, Unconjugated (ABIN747263) at 1:300 followed by conjugation to the secondary antibody and DAB staining