antibodies - online.com







anti-SYN2 antibody (AA 440-458)

Images



Publication



Overview

Quantity:	100 μg
Target:	SYN2
Binding Specificity:	AA 440-458
Reactivity:	Mouse, Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

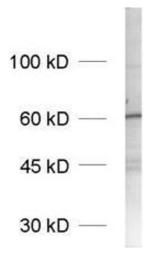
Immunogen:	Synthetic peptide (aa 440-458 of mouse synapsin 2) coupled to KLH via an N-terminal added
	cysteine.
Clone:	27E3
Isotype:	lgG1
Specificity:	Specific for synapsin 2
Purification:	purified IgG

Target Details

Target:	SYN2	
Alternative Name:	Synapsin 2 (SYN2 Products)	

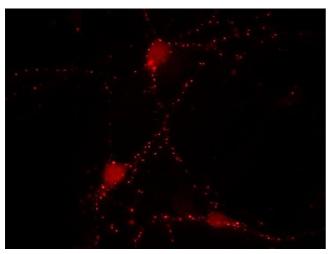
Application Details

Application Notes:	WB: 1 : 500 up to 1 : 1000 (AP staining)
	IP: not tested yet
	ICC: 1: 200 up to 1: 500
	IHC: not tested yet
Comment:	WB: This antibody is less sensitive than the polyclonal rabbit antibody. Enriched synaptic
	vesicles are recommended for westernblotting.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	For reconstitution add 100 µL H20 to get a 1mg/ml solution of antibody in PBS.
Buffer:	PBS, 0.02% sodium azide (= 0.02 μg)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Do not store diluted antibody solutions unless you add detergent or carrier proteins such as
	goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL
	protein will quickly adsorb and denature and thus loose activity! Repetitive freeze-thawing of
	dilute purified IgG is almost certain to lead to substantial losses.
Storage:	-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for
	several weeks or even months. They can be stored at 4 °C for several years.
Publications	
Product cited in:	Wiedemann, Giehl, Almo, Fedorov, Girvin, Steinberger, Rüdiger, Ortner, Sippl, Dolecek, Kraft,
	Jockusch, Valenta: "Molecular and structural analysis of a continuous birch profilin epitope
	defined by a monoclonal antibody." in: The Journal of biological chemistry , Vol. 271, Issue 47,
	pp. 29915-21, (1997) (PubMed).



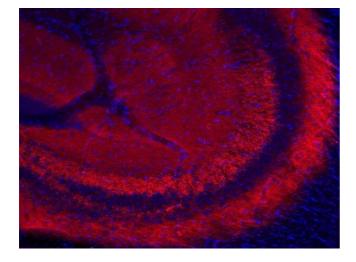
Western Blotting

Image 1. dilution: 1 : 1000, sample: synaptic vesicle fraction of rat brain (LP2)



Immunocytochemistry

Image 2. Indirect immunolabeling of cultured rat hippocampus neurons (dilution 1 : 500)



Immunohistochemistry

Image 3. Indirect immunostaining of PFA fixed mouse hippocampus section (dilution 1 : 200; red). Nuclei have been visualized by DAPI staining (blue).