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Datasheet for ABIN2792296

## anti-Synapsin III antibody (Middle Region)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Synapsin III (SYN3)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Synapsin III antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SYN3
Sequence:	GATLASQRP PVQGRSTSQQ GEESKKPAPP HPHLNKSQSL TNSLSTSDTS
Predicted Reactivity:	Cow: 85%, Guinea Pig: 78%, Human: 100%, Mouse: 85%, Pig: 100%, Rabbit: 85%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against SYN3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	Synapsin III (SYN3)
Alternative Name:	SYN3 ( <a href="#">SYN3 Products</a> )

## Target Details

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Background:	<p>This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptog</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: NOS1AP, SYN2, SYN1,</p> <p>Protein Size: 580</p>
Molecular Weight:	63 kDa
Gene ID:	8224
NCBI Accession:	<a href="#">NM_003490</a> , <a href="#">NP_003481</a>
UniProt:	<a href="#">O14994</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 580 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

**Image 1.** WB Suggested Anti-SYN3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate