

Datasheet for ABIN1742202

**anti-SYT2 antibody (Cytoplasmic Domain)**[2 Images](#)[3 Publications](#)[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	SYT2
Binding Specificity:	AA 406-422, Cytoplasmic Domain
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

## Product Details

Immunogen:	Synthetic peptide (aa 406-422 in rat synaptotagmin 2) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine residue.
Specificity:	Specific for synaptotagmin 2.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

## Target Details

Target:	SYT2
Alternative Name:	Synaptotagmin 2 ( <a href="#">SYT2 Products</a> )
Pathways:	<a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

Application Notes:	WB: 1 : 1000 (AP staining) ICC: not tested yet IHC: 1 : 500 up to 1 : 1000
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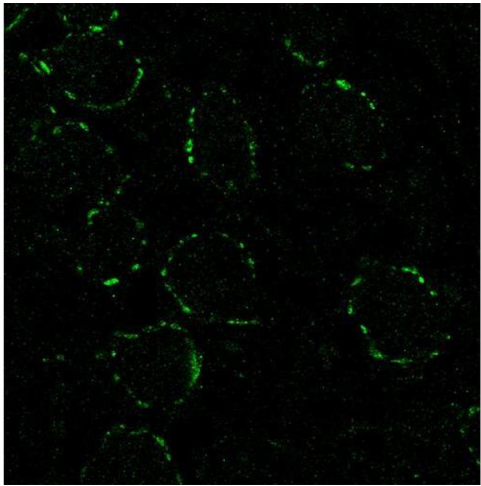
Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL H <sub>2</sub> O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
Storage:	-20 °C
Storage Comment:	Unlabeled lyophilized 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. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

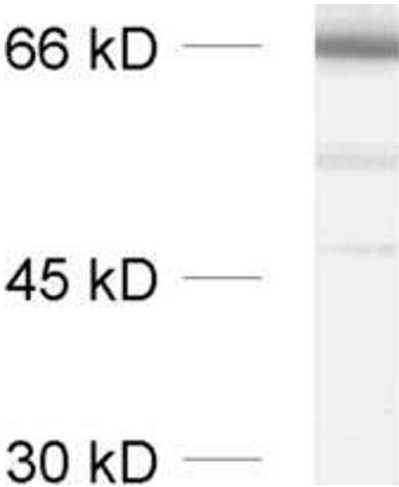
## Publications

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: <b>The Journal of biological chemistry</b> , Vol. 271, Issue 47, pp. 29915-21, (1997) ( <a href="#">PubMed</a> ).
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Immunohistochemistry

Image 1.



Western Blotting

Image 2. dilution: 1 : 1000, sample: synaptic vesicle fraction of rat brain (LP2)