Datasheet for ABIN1742208

# anti-SYN2 antibody (AA 440-458)

2 Images | 2 Publications

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 50 µg |
| Target: | SYN2 |
| Binding Specificity: | AA 440-458 |
| Reactivity: | Mouse, Human, Rat, Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

## Product Details

| | |
|---|---|
| Immunogen: | Synthetic peptide (aa 440-458 of mouse synapsin 2) coupled to KLH via an N-terminal added cysteine. |
| Specificity: | Specific for synapsins 2a and 2b |
| Cross-Reactivity (Details): | no cross-reactivity to synapsin 1a/b. |
| Purification: | Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. |

## Target Details

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

## Application Details

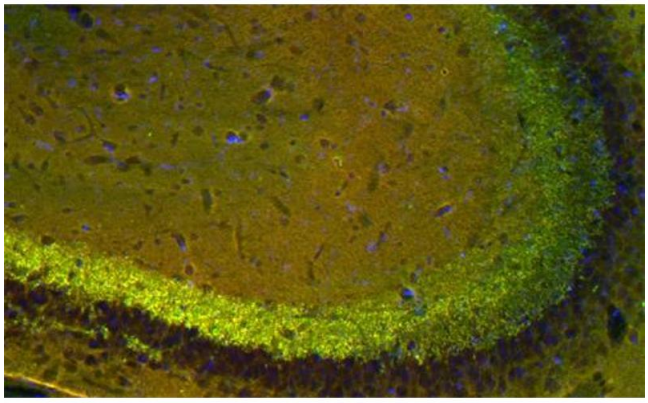
| | |
|---|---|
| Application Notes: | WB: 1 : 1000 (AP staining)<br>ICC: 1 : 500 up to 1 : 1000<br>IHC: 1 : 200 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Lyophilized |
| Reconstitution: | For reconstitution add 50 µL H2O 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! |

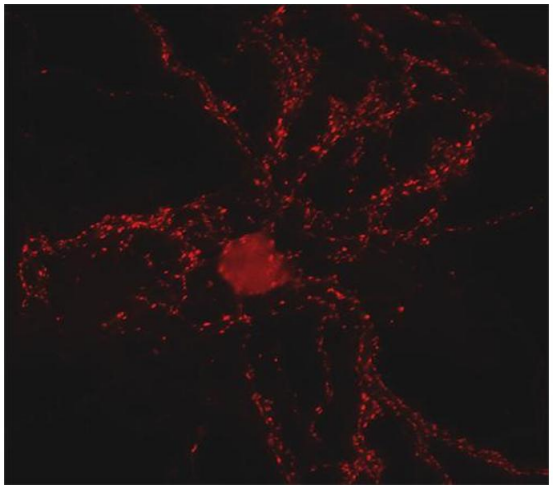
## Publications

| | |
|---|---|
| Product cited in: | McLinden, Kaufman, Xiang, Chang, Klinzman, Engel, Hess, Schmidt, Houghton, Stapleton: " Characterization of an immunodominant antigenic site on GB virus C glycoprotein E2 that is involved in cell binding." in: **Journal of virology**, Vol. 80, Issue 24, pp. 12131-40, (2006) (PubMed ). |



**Immunohistochemistry**

**Image 1.** Indirect immunolabeling of mouse hippocampus section with anti-synapsin 2 (dilution 1 : 200; red) and mouse anti-synapsin 1 (cat. no. 106 001, dilution 1 : 500; green). Nuclei have been vizualized by DAPI staining.



**Immunocytochemistry**

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