

Datasheet for ABIN7599185  
**anti-Synaptoporin antibody (AA 1-265)**



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## Overview

|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                          |
| Target:              | Synaptoporin (SYNPR)                                                            |
| Binding Specificity: | AA 1-265                                                                        |
| Reactivity:          | Human, Rat, Mouse                                                               |
| Host:                | Rabbit                                                                          |
| Clonality:           | Polyclonal                                                                      |
| Conjugate:           | This Synaptoporin antibody is un-conjugated                                     |
| Application:         | Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC) |

## Product Details

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:                    | Anti-Synaptoporin/SYNPR Antibody Picoband®                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen:                  | E.coli-derived human Synaptoporin/SYNPR recombinant protein (Position: M1-I265). Human Synaptoporin/SYNPR shares 95.8% and 98.1% amino acid (aa) sequence identity with mouse and rat Synaptoporin/SYNPR, respectively.                                                                                                                                                                                                                         |
| Isotype:                    | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins                                                                                                                                                                                                                                                                                                                                                                                                         |
| Characteristics:            | Anti-Synaptoporin/SYNPR Antibody Picoband® (ABIN7599185). Tested in WB, IHC, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |

## Product Details

Purification: Immunogen affinity purified.

## Target Details

Target: Synaptoporin (SYNPR)

Alternative Name: SYNPR ([SYNPR Products](#))

Background: Synonyms: SYNPR, Synaptoporin  
Background: Synaptoporin is a protein that in humans is encoded by the SYNPR gene.  
Predicted to be located in neuron projection and synaptic vesicle. Predicted to be integral component of membrane. Predicted to be active in synaptic vesicle membrane. Predicted to be integral component of synaptic vesicle membrane.

Molecular Weight: 37 kDa

Gene ID: 132204

## Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Mouse, Rat  
Immunohistochemistry, 2-5 µg/mL, Mouse, Rat  
Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human  
ELISA, 0.1-0.5 µg/mL, Human

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na<sub>2</sub>HPO<sub>4</sub>.

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.  
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.