

## Anti-SYNJ2BP Antibody Picoband® APC Conjugated

Catalog Number: A11249-1-APC

### About SYNJ2BP

Synaptojanin-2-binding protein is a protein that in humans is encoded by the SYNJ2BP gene. SYNJ2BP, also known as Synaptojanin 2 Binding Protein, is a protein that interacts with synaptojanin 2, a phosphoinositide phosphatase found in synaptic vesicles. Synaptojanin 2 plays a crucial role in neurotransmitter release and synaptic transmission in neurons, and SYNJ2BP is implicated in regulating these processes through its interaction with synaptojanin 2. The precise molecular and cellular mechanisms of SYNJ2BP are still under investigation, with research focusing on its involvement in neural development, functional abnormalities, and neurologic disorders.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-SYNJ2BP Antibody Picoband® APC Conjugated  |
| Reactive Species     | Human, Mouse, Rat   |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .  |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.  |
| Host                 | Rabbit  |
| Uniprot ID           | P57105  |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human SYNJ2BP recombinant protein (Position: D32-L145). Human SYNJ2BP shares 88.6% and 86.8% amino acid (aa) sequence identity with mouse and rat SYNJ2BP, respectively. |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | APC<br>Excitation Wavelength: 633-647 nm<br>Emission Wavelength: 660 nm   |
| Suggested Dilutions | Optimal dilutions should be determined by end users.  |

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Anti-SYNJ2BP Antibody - APC

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