

Datasheet for ABIN7601295
anti-SYNJ2BP antibody (AA 32-145)



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Overview

Quantity:	100 µg
Target:	SYNJ2BP
Binding Specificity:	AA 32-145
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYNJ2BP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-SYNJ2BP Antibody Picoband®
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.
Characteristics:	Anti-SYNJ2BP Antibody Picoband® (ABIN7601295). Tested in WB, 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	SYNJ2BP
Alternative Name:	SYNJ2BP (SYNJ2BP Products)
Background:	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.
Molecular Weight:	16 kDa
Gene ID:	55333
UniProt:	P57105

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Matsuzaki, T., Hanai, S., Kishi, H., Liu, Z., Bao, Y., Kikuchi, A., Tsuchida, K., Sugino, H. Regulation of endocytosis of activin type II receptors by a novel PDZ protein through Ral/Ral-binding protein 1-dependent pathway. J. Biol. Chem. 277: 19008-19018, 2002. 2. Nemoto, Y., De Camilli, P. Recruitment of an alternatively spliced form of synaptojanin 2 to mitochondria by the interaction with the PDZ domain of a mitochondrial outer membrane protein. EMBO J. 18: 2991-3006, 1999. 3. Stumpf, A. M. Personal Communication. Baltimore, Md. 01/18/2022.
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 Na2HPO4.
Storage:	4 °C, -20 °C

Handling

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.