Datasheet for ABIN7602256

anti-SYNPO2L antibody (AA 66-923)

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Overview

Quantity:	100 µg
Target:	SYNPO2L
Binding Specificity:	AA 66-923
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYNPO2L antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SYNPO2L Antibody Picoband®
Immunogen:	E.coli-derived human SYNPO2L recombinant protein (Position: H66-E923). Human SYNPO2L shares 87.9% amino acid (aa) sequence identity with mouse SYNPO2L.
Characteristics:	Anti-SYNPO2L Antibody Picoband® (ABIN7602256). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, 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:	SYNPO2L
Alternative Name:	SYNPO2L (SYNPO2L Products)
Background:	SYNPO2L belongs to the synaptopodin family and is an actin-associated protein that may play a role in modulating actin-based shape. SYNPO2L is involved in the positive regulation of Rho protein signal transduction and the positive regulation of stress fiber assembly. Loss-of-function variants in the SYNPO2L gene are associated with atrial fibrillation
Molecular Weight:	102 kDa
Gene ID:	79933
UniProt:	Q9H987

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Lubitz, S. A., Brody, J. A., Bihlmeyer, N. A., Roselli, C., Weng, L. C., Christophersen, I. E., ... & Lin, H. (2016). Whole exome sequencing in atrial fibrillation. PLoS genetics, 12(9), e1006284. 2. Van Eldik, W., Den Adel, B., Monshouwer-Kloots, J., Salvatori, D., Maas, S., Van Der Made, I., ... & Beqqali, A. (2017). Z-disc protein CHAPb induces cardiomyopathy and contractile dysfunction in the postnatal heart. PLoS One, 12(12), e0189139. 3. Ellinor, P. T., Lunetta, K. L., Albert, C. M., Glazer, N. L., Ritchie, M. D., Smith, A. V., ... & Kääb, S. (2012). Meta-analysis identifies six new susceptibility loci for atrial fibrillation. Nature genetics, 44(6), 670-675.
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
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.