Datasheet for ABIN7602985

anti-ATP11C antibody (Middle Region)

Go to Product page

Overview

Quantity:	100 µg
Target:	ATP11C
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP11C antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-ATP11C Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human ATP11C, which shares 83.8% and 86.5% amino acid (aa) sequence identity with mouse and rat ATP11C, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-ATP11C Antibody Picoband® (ABIN7602985). Tested in Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. 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

Product Details

	as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	ATP11C
Alternative Name:	ATP11C (ATP11C Products)
Background:	Synonyms: Phospholipid-transporting ATPase IG (EC:7.6.2.1), ATPase IQ, ATPase class VI type 11C, P4-ATPase flippase complex alpha subunit ATP11C, ATP11C, ATPIG, ATPIQ Tissue Specificity: Widely expressed. Background: ATP11C is an enzyme that in humans is encoded by the ATP11C gene. This gene is mapped to Xq27.1.
Molecular Weight:	129 kDa
Gene ID:	286410

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human Immunocytochemistry/Immunofluorescence, 2 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human 1. Arashiki, N., Takakuwa, Y., Mohandas, N., Hale, J., Yoshida, K., Ogura, H., Utsugisawa, T., Ohga, S., Miyano, S., Ogawa, S., Kojima, S., Kanno, H. ATP11C is a major flippase in human erythrocytes and its defect causes congenital hemolytic anemia. Haematologica 101: 559-565, 2016. 2. Nesbit, M. A., Bowl, M. R., Harding, B., Schlessinger, D., Whyte, M. P., Thakker, R. V. X-linked hypoparathyroidism region on Xq27 is evolutionarily conserved with regions on 3q26 and 13q34 and contains a novel P-type ATPase. Genomics 84: 1060-1070, 2004. 3. Segawa, K., Kurata, S., Yanagihashi, Y., Brummelkamp, T. R., Matsuda, F., Nagata, S. Caspase-mediated cleavage of phospholipid flippase for apoptotic phosphatidylserine exposure. Science 344: 1164-1168, 2014.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store 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 freeze-thaw cycles.