Datasheet for ABIN7599972

anti-MICALL2 antibody (AA 132-741)

Go to Product page

Overview

Quantity:	100 µg
Target:	MICALL2
Binding Specificity:	AA 132-741
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MICALL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-MICALL2 Antibody Picoband®
Immunogen:	E.coli-derived human MICALL2 recombinant protein (Position: K132-Q741).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MICALL2 Antibody Picoband® (ABIN7599972). Tested in ELISA, IHC, WB, Flow Cytometry 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 as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	MICALL2
Alternative Name:	MICALL2 (MICALL2 Products)
Background:	Synonyms: Mediator of RNA polymerase II transcription subunit 9, Mediator complex subunit 9, MED9, MED25, Tissue Specificity: Expressed in fetal brain, fetal lung, fetal liver, heart, brain, placenta, lung, liver, muscle, kidney and pancreas. Background: Enables filamin binding activity. Involved in positive regulation of protein targeting to mitochondrion. Predicted to be located in several cellular components, including bicellular tight junction, neuron projection, and recycling endosome. Predicted to colocalize with stress fiber.
Molecular Weight:	109 kDa
Gene ID:	79778

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Sakane, A., Yano, T. A., Uchihashi, T., Horikawa, K., Hara, Y., Imoto, I., ... & Sasaki, T. (2021). JRAB/MICAL-L2 undergoes liquid-liquid phase separation to form tubular recycling endosomes. Communications biology, 4(1), 551. 2. Zhu, L. Y., Zhang, W. M., Yang, X. M., Cui, L., Li, J., Zhang, Y. L., ... & Zhang, Z. G. (2015). Silencing of MICAL-L2 suppresses malignancy of ovarian cancer by inducing mesenchymal-epithelial transition. Cancer letters, 363(1), 71-82. 3. Min, P., Zhao, S., Liu, L., Zhang, Y., Ma, Y., Zhao, X., ... & Du, J. (2019). MICAL-L2 potentiates Cdc42-dependent EGFR stability and promotes gastric cancer cell migration. Journal of cellular and molecular medicine, 23(6), 4475-4488.
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

Handling

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.