Datasheet for ABIN7602207

anti-MIPOL1 antibody (AA 63-399)

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Overview

Quantity:	100 µg
Target:	MIPOL1
Binding Specificity:	AA 63-399
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIPOL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-MIPOL1 Antibody Picoband®
Immunogen:	E.coli-derived human MIPOL1 recombinant protein (Position: N63-A399).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MIPOL1 Antibody Picoband® (ABIN7602207). Tested in ELISA, Flow Cytometry, WB 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:	MIPOL1
Alternative Name:	MIPOL1 (MIPOL1 Products)
Background:	Synonyms: Solute carrier family 2, facilitated glucose transporter member 6, Glucose transporter type 6, GLUT-6, Glucose transporter type 9, GLUT-9, SLC2A6, GLUT9 Tissue Specificity: Highly expressed in brain, spleen and peripheral blood leukocytes. Background: MIPOL1 (Mirror Image Polydactyly 1), also known as CCDC193 (Coiled-coil domain containing 193), is a protein that in humans is encoded by the MIPOL1 gene. This gene encodes a coiled-coil domain-containing protein. The encoded protein may function as a tumor suppressor. A translocation that results in truncation of the protein encoded by this locus has been associated with mirror-image polydactyly, also known as Laurin-Sandrow Syndrome. Alternatively spliced transcript variants have been described.
Molecular Weight:	52 kDa
Gene ID:	145282
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Kamnasaran, D., O'Brien, P. C., Zackai, E. H., Muenke, M., Ferguson-Smith, M. A., Cox, D. W. Rearrangement in the PITX2 and MIOL1 genes in a patient with a t(4,14) chromosome. Europ. J. Hum. Genet. 11: 315-324, 2003. 2. Kondoh, S., Sugawara, H., Harada, N., Matsumoto, N., Ohashi, H., Sato, M., Kantaputra, P. N., Ogino, T., Tomita, H., Ohta, T., Kishino, T., Fukushima, Y., Niikawa, N., Yoshiura, K. A novel gene is disrupted at a 14q13 breakpoint of t(2,14) in a patient with mirror-image polydactyly of hands and feet. J. Hum. Genet. 47: 136-139, 2002.
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.

Handling

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.