Datasheet for ABIN7599042

anti-CCDC115 antibody (AA 1-180)

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Overview

Quantity:	100 µg
Target:	CCDC115
Binding Specificity:	AA 1-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCDC115 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-CCDC115 Antibody Picoband®
Immunogen:	E.coli-derived human CCDC115 recombinant protein (Position: M1-A180).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-CC Antibody Picoband® (ABIN7599042). Tested in ELISA, Flow Cytometry, IF, IHC, 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 as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	CCDC115
Alternative Name:	CCDC115 (CCDC115 Products)
Background:	Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47, Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. . Background: Coiled-coil domain containing 115 is a protein that in humans is encoded by the CCDC115 gene. The protein encoded by this gene has been observed to localize to the endoplasmic reticulum (ER)-Golgi intermediate compartment (ERGIC) and coat protein complex I (COPI) vesicles in some human cells. The encoded protein shares some homology with the yeast V-ATPase assembly factor Vma22p, and the orthologous protein in mouse promotes cell proliferation and suppresses cell death. Defects in this gene are a cause of congenital disorder of glycosylation, type IIo in humans.
Molecular Weight:	20 kDa
Gene ID:	84317

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. D., Krawitz, P., Wada, Y., Ashikov, A., Perez-Cerda, C., and 31 others. CCDC115 deficiency causes a disorder of Golgi homeostasis with abnormal protein glycosylation. Am. J. Hum. Genet. 98: 310-321, 2016. 2. Pellicano, F., Inglis-Broadgate, S. L., Pante, G., Ansorge, W., Iwata, T. Expression of coiled-coil protein 1, a novel gene downstream of FGF2, in the developing brain. Gene Expr. Patterns 6: 285-293, 2006. 3. Pellicano, F., Thomson, R. E., Inman, G. J., Iwata, T. Regulation of cell proliferation and apoptosis in neuroblastoma cells by ccp1, a FGF2 downstream gene. BMC Cancer 10: 657, 2010. Note: Electronic Article.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 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.
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.