

Datasheet for ABIN7599194
anti-NUDCD3 antibody (AA 1-271)



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Overview

Quantity:	100 µg
Target:	NUDCD3
Binding Specificity:	AA 1-271
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDCD3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Anti-NUDCD3 Antibody Picoband®
Immunogen:	E.coli-derived human NUDCD3 recombinant protein (Position: M1-Y271).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-NUDCD3 Antibody Picoband® (ABIN7599194). Tested in ELISA, IF, IHC, ICC, 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:	NUDCD3
Alternative Name:	NUDCD3 (NUDCD3 Products)
Background:	Synonyms: Follicular dendritic cell secreted peptide,FDC secreted protein,FDC-SP,FDCSP,C4orf7,UNQ733/PRO1419, Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. . Background: NudC domain-containing protein 3 is a protein that in humans is encoded by the NUDCD3 gene. The product of this gene functions to maintain the stability of dynein intermediate chain. Depletion of this gene product results in aggregation and degradation of dynein intermediate chain, mislocalization of the dynein complex from kinetochores, spindle microtubules, and spindle poles, and loss of gamma-tubulin from spindle poles. The protein localizes to the Golgi apparatus during interphase, and levels of the protein increase after the G1/S transition.
Molecular Weight:	45 kDa
Gene ID:	23386

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/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Kikuno, R., Nagase, T., Ishikawa, K., Hirose, M., Miyajima, N., Tanaka, A., Kotani, H., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. XIV. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 6: 197-205, 1999. 2. Zhou, T., Zimmerman, W., Liu, X., Erikson, R. L. A mammalian NudC-like protein essential for dynein stability and cell viability. Proc. Nat. Acad. Sci. 103: 9039-9044, 2006.
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 Na ₂ HPO ₄ .
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.