

Datasheet for ABIN7599963
anti-NOL9 antibody (AA 131-636)



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Overview

Quantity:	100 µg
Target:	NOL9
Binding Specificity:	AA 131-636
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOL9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-NOL9 Antibody Picoband®
Immunogen:	E.coli-derived human NOL9 recombinant protein (Position: E131-N636). Human NOL9 shares 64.8% amino acid (aa) sequence identity with mouse NOL9.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-NOL9 Antibody Picoband® (ABIN7599963). Tested in WB, ICC/IF, Flow Cytometry, ELISA 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: NOL9

Alternative Name: NOL9 ([NOL9 Products](#))

Background: Synonyms: NOL9, Polynucleotide 5'-hydroxyl-kinase NOL9, EC 2.7.1.-, Nucleolar protein 9
Background: Nucleolar protein 9 is a protein that in humans is encoded by the NOL9 gene.
Enables ATP-dependent polydeoxyribonucleotide 5'-hydroxyl-kinase activity. Involved in maturation of 5.8S rRNA. Located in intermediate filament cytoskeleton and nucleolus.

Molecular Weight: 79 kDa

Gene ID: 79707

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human
Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human
Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human
ELISA, 0.1-0.5 µg/mL
1. Bielczyk-Maczynska, E., Lam Hung, L., Ferreira, L., Fleischmann, T., Weis, F., Fernandez-Pevida, A., Harvey, S. A., Wali, N., Warren, A. J., Barroso, I., Stemple, D. L., Cvejic, A. The ribosome biogenesis protein Nol9 is essential for definitive hematopoiesis and pancreas morphogenesis in zebrafish. PLoS Genet. 11: e1005677, 2015. 2. Fujinami, H., Shiraishi, H., Hada, K., Inoue, M., Morisaki, I., Higa, R., Shin, T., Kobayashi, T., Hanada, R., Penninger, J. M., Mimata, H., Hanada, T. CLP1 acts as the main RNA kinase in mice. Biochem. Biophys. Res. Commun. 525: 129-134, 2020. 3. Gordon, J., Pillon, M. C., Stanley, R. E. Nol9 is a spatial regulator for the human ITS2 pre-rRNA endonuclease-kinase complex. J. Molec. Biol. 431: 3771-3786, 2019.

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.