Datasheet for ABIN7599645

anti-Ninein antibody (AA 1023-2090)

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Overview

Quantity:	100 µg
Target:	Ninein (NIN)
Binding Specificity:	AA 1023-2090
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ninein antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Ninein/NIN Antibody Picoband®
Immunogen:	E.coli-derived human Ninein/NIN recombinant protein (Position: Q1023-H2090).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Ninein/NIN Antibody Picoband® (ABIN7599645). Tested in ELISA, WB, Flow Cytometry 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:	Ninein (NIN)
Alternative Name:	NIN (NIN Products)
Background:	Synonyms: Endoglin, Cell surface MJ7/18 antigen, CD105, Eng, Edg, Background: Ninein is a protein that in humans is encoded by the NIN gene. This gene encodes one of the proteins important for centrosomal function. This protein is important for positioning and anchoring the microtubules minus-ends in epithelial cells. Localization of this protein to the centrosome requires three leucine zippers in the central coiled-coil domain. Multiple alternatively spliced transcript variants that encode different isoforms have been reported.
Molecular Weight:	260 kDa
Gene ID:	51199
UniProt:	Q8N4C6
Pathways:	Maintenance of Protein Location, 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. Chen, C.-H., Howng, S.-L., Cheng, T.-S., Chou, M.-H., Huang, C.-Y., Hong, Y.-R. Molecular characterization of human ninein protein: two distinct subdomains required for centrosomal targeting and regulating signals in cell cycle. Biochem. Biophys. Res. Commun. 308: 975-983, 2003. 2. Chou, C. H., Loh, J. K., Yang, M. C., Lin, C. C., Hong, M. C., Cho, C. L., Chou, A. K., Wang, C. H., Lieu, A. S., Howng, S. L., Hsu, C. M., Hong, Y. R. AIBp regulates mitotic entry and mitotic spindle assembly by controlling activation of both Aurora-A and Plk1. Cell Cycle 14: 2764-2776, 2015. 3. Dauber, A., LaFranchi, S. H., Maliga, Z., Lui, J. C., Moon, J. E., McDeed, C., Henke, K., Zonana, J., Kingman, G. A., Pers, T. H., Baron, J., Rosenfeld, R. G., Hirschhorn, J. N., Harris, M. P., Hwa, V. Novel microcephalic primordial dwarfism disorder associated with variants in the centrosomal protein ninein. J. Clin. Endocr. Metab. 97: E2140-E2151, 2012. Note: Electronic Article.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

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.
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.