

Datasheet for ABIN7602166
anti-INO80B antibody (AA 61-340)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	INO80B
Binding Specificity:	AA 61-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INO80B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

Product Details

Purpose:	Anti-INO80B Antibody Picoband®
Immunogen:	E.coli-derived human INO80B recombinant protein (Position: Q61-Q340). Human INO80B shares 94.3% amino acid (aa) sequence identity with mouse INO80B.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-INO80B Antibody Picoband® (ABIN7602166). Tested in ELISA, 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:	INO80B
Alternative Name:	INO80B (INO80B Products)
Background:	<p>Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: INO80 complex subunit B is a protein that in humans is encoded by the INO80B gene. This gene encodes a subunit of an ATP-dependent chromatin remodeling complex, INO80, which plays a role in DNA and nucleosome-activated ATPase activity and ATP-dependent nucleosome sliding. Readthrough transcription of this gene into the neighboring downstream gene, which encodes WW domain-binding protein 1, generates a non-coding transcript.</p>
Molecular Weight:	48 kDa
Gene ID:	83444
UniProt:	Q9C086

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Kuroda, T. S., Maita, H., Tabata, T., Taira, T., Kitaura, H., Ariga, H., Iguchi-Ariga, S. M. M. A novel nucleolar protein, PAPA-1, induces growth arrest as a result of cell cycle arrest at the G1 phase. Gene 340: 83-98, 2004. 2. Oudejans, C. B. M., Michel, O. J., Janssen, R., Habets, R., Poutsma, A., Sistermans, E. A., Weiss, M. M., Incarnato, D., Oliviero, S., Kleiverda, G., Van Dijk, M., Arngrimsson, R. Susceptibility allele-specific loss of miR-1324-mediated silencing of the</p>
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Application Details

INO80B chromatin-assembly complex gene in pre-eclampsia. Hum. Molec. Genet. 24: 118-127, 2015.

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.
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.