

Datasheet for ABIN7599833
anti-CENPI antibody (AA 120-604)



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Overview

Quantity:	100 µg
Target:	CENPI
Binding Specificity:	AA 120-604
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPI antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-CENPI Antibody Picoband®
Immunogen:	E.coli-derived human CENPI recombinant protein (Position: K120-C604).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-CENPI Antibody Picoband® (ABIN7599833). Tested in ELISA, Flow Cytometry, WB 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:	CENPI
Alternative Name:	CENPI (CENPI Products)
Background:	Synonyms: Pre T-cell antigen receptor alpha, pT-alpha, pTa, pT-alpha-TCR, PTCRA Tissue Specificity: Expressed in immature but not mature T-cells. Also found in CD34+ cells from peripheral blood, CD34+ precursors from umbilical cord blood and adult bone marrow. Background: Centromere protein I is a protein that in humans is encoded by the CENPI gene.
Molecular Weight:	60 kDa
Gene ID:	2491
UniProt:	Q92674

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. Liu, S.-T., Hittle, J. C., Jablonski, S. A., Campbell, M. S., Yoda, K., Yen, T. J. Human CENP-I specifies localization of CENP-F, MAD1 and MAD2 to kinetochores and is essential for mitosis. Nature Cell Biol. 4: 341-345, 2003. 2. Roberts, R. G., Kendall, E., Vetrie, D., Bobrow, M. Sequence and chromosomal location of a human homologue of LRPR1, an FSH primary response gene. Genomics 37: 122-124, 1996. 3. Slegtenhorst-Eegdeman, K. E., Post, M., Baarends, W. M., Themmen, A. P. N., Grootegoed, J. A. Regulation of gene expression in Sertoli cells by follicle-stimulating hormone (FSH): cloning and characterization of LRPR1, a primary response gene encoding a leucine-rich protein. Molec. Cell. Endocr. 108: 115-124, 1995.
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 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.