Datasheet for ABIN7599278

anti-NAP1L4 antibody (AA 1-331)

Go to Product page

Overview

Quantity:	100 µg
Target:	NAP1L4
Binding Specificity:	AA 1-331
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAP1L4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-NAP1L4 Antibody Picoband®
Immunogen:	E.coli-derived human NAP1L4 recombinant protein (Position: M1-A331). Human NAP1L4 shares 94% amino acid (aa) sequence identity with rat NAP1L4.
Characteristics:	Anti-NAP1L4 Antibody Picoband® (ABIN7599278). Tested in WB, Flow Cytometry, ELISA 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:	NAP1L4
Alternative Name:	NAP1L4 (NAP1L4 Products)
Background:	Nucleosome assembly protein 1-like 4 is a protein that in humans is encoded by the NAP1L4 gene. This gene encodes a member of the nucleosome assembly protein (NAP) family which can interact with both core and linker histones. It can shuttle between the cytoplasm and nucleus, suggesting a role as a histone chaperone. This gene is one of several located near the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer.
Molecular Weight:	65 kDa
Gene ID:	4676
UniProt:	Q99733

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. Hu, R.-J., Lee, M. P., Johnson, L. A., Feinberg, A. P. A novel human homologue of yeast nucleosome assembly protein, 65 kb centromeric to the p57(KIP2) gene, is biallelically expressed in fetal and adult tissues. Hum. Molec. Genet. 5: 1743-1748, 1996. 2. Rodriguez, P., Munroe, D., Prawitt, D., Chu, L. L., Bric, E., Kim, J., Reid, L. H., Davies, C., Nakagama, H., Loebbert, R., Winterpacht, A., Petruzzi, M.-J., Higgins, M. J., Nowak, N., Evans, G., Shows, T., Weissman, B. E., Zabel, B., Housman, D. E., Pelletier, J. Functional characterization of human nucleosome assembly protein-2 (NAP1L4) suggests a role as a histone chaperone. Genomics 44: 253-265, 1997. 3. Tachiwana, H., Osakabe, A., Kimura, H., Kurumizaka, H. Nucleosome formation with the testis-specific histone H3 variant, H3t, by human nucleosome assembly proteins in vitro. Nucleic Acids Res. 36: 2208-2218, 2008.
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 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.