Datasheet for ABIN7600645

anti-HCLS1 antibody (AA 213-473)

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Overview

Quantity:	100 µg
Target:	HCLS1
Binding Specificity:	AA 213-473
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCLS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-HCLS1 Antibody Picoband®
Immunogen:	E.coli-derived human HCLS1 recombinant protein (Position: N213-K473).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-HCLS1 Antibody Picoband® (ABIN7600645). Tested in ELISA, Flow Cytometry, WB 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:	HCLS1
Alternative Name:	HCLS1 (HCLS1 Products)
Background:	Synonyms: Interleukin-3 receptor subunit alpha, IL-3 receptor subunit alpha, IL-3R subunit alpha, IL-3R-alpha, IL-3RA, CD123, IL3RA, IL3R Tissue Specificity: Brain. Background: Hematopoietic lineage cell-specific protein is a protein that in humans is encoded by the HCLS1 gene. Enables RNA polymerase II-specific DNA-binding transcription factor binding activity and protein kinase binding activity. Involved in several processes, including positive regulation of intracellular signal transduction, positive regulation of protein phosphorylation, and regulation of transcription, DNA-templated. Located in cytosol, nucleus, and plasma membrane. Part of transcription regulator complex.
Molecular Weight:	75 kDa
Gene ID:	3059
UniProt:	P14317
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of Actin Filament Polymerization, Myometrial Relaxation and Contraction, Maintenance of Protein Location

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Egashira, M., Kitamura, D., Watanabe, T., Niikawa, N. The human HCLS1 gene maps to chromosome 3q13 by fluorescence in situ hybridization. Cytogenet. Cell Genet. 72: 175-176, 1996. 2. Kitamura, D., Kaneko, H., Miyagoe, Y., Ariyasu, T., Watanabe, T. Isolation and characterization of a novel human gene expressed specifically in the cells of hematopoietic lineage. Nucleic Acids Res. 17: 9367-9379, 1989. 3. Scielzo, C., Ghia, P., Conti, A., Bachi, A., Guida, G., Geuna, M., Alessio, M., Caligaris-Cappio, F. HS1 protein is differentially expressed in chronic lymphocytic leukemia patient subsets with good or poor prognoses. J. Clin. Invest. 115: 1644-1650, 2005.
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.