Datasheet for ABIN7599501

anti-GLIS1 antibody (AA 1-620)

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Overview

Quantity:	100 µg
Target:	GLIS1
Binding Specificity:	AA 1-620
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLIS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-GLIS1 Antibody Picoband®
Immunogen:	E.coli-derived human GLIS1 recombinant protein (Position: M1-T620).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-GLIS1 Antibody Picoband® (ABIN7599501). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, 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:	GLIS1
Alternative Name:	GLIS1 (GLIS1 Products)
Background:	Synonyms: Histone H3/a, Histone H3/b, Histone H3/c, Histone H3/d, Histone H3/f, Histone H3/h, Histone H3/I, Histone H3/j, Histone H3/k, Histone H3/l, HIST1H3A, HIST1H3B, HIST1H3C, HIST1H3D, HIST1H3E, HIST1H3F, HIST1H3G, HIST1H3H, HIST1H3I, HIST1H3J, H3FJ Tissue Specificity: Expressed in fetal brain, fetal lung, fetal liver, heart, brain, placenta, lung, liver, muscle, kidney and pancreas. Background: Glis1 (Glis Family Zinc Finger 1) is gene encoding a Krüppel-like protein of the same name whose locus is found on Chromosome 1p32.3. GLIS1 is a GLI (MIM 165220)-related Kruppel-like zinc finger protein that functions as an activator and repressor of transcription.
Molecular Weight:	66 kDa
Gene ID:	14897

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL/mL, Human 1. Kim, Y.-S., Lewandoski, M., Perantoni, A. O., Kurebayashi, S., Nakanishi, G., Jetten, A. M. Identification of Glis1, a novel Gli-related, Kruppel-like zinc finger protein containing transactivation and repressor functions. J. Biol. Chem. 277: 30901-30913, 2002. 2. Maekawa, M., Yamaguchi, K., Nakamura, T., Shibukawa, R., Kodanaka, I., Ichisaka, T., Kawamura, Y., Mochizuki, H., Goshima, N., Yamanaka, S. reprogramming of somatic cells is promoted by maternal transcription factor Glis1. Nature 474: 225-229, 2011. 3. Nakanishi, G., Kim, Y.-S., Nakajima, T., Jetten, A. M. Regulatory role for Kruppel-like zinc-finger protein Gli-similar 1 (Glis1) in PMA-treated and psoriatic epidermis J. Invest. Derm. 126: 49-60, 2006.
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.