

Datasheet for ABIN7599498  
**anti-GRHL1 antibody (AA 1-618)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	GRHL1
Binding Specificity:	AA 1-618
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRHL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-Grainyhead-like protein 1/GRHL1 Antibody Picoband®
Immunogen:	E.coli-derived human Grainyhead-like protein 1/GRHL1 recombinant protein (Position: M1-I618).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Grainyhead-like protein 1/GRHL1 Antibody Picoband® (ABIN7599498). Tested in ELISA, Flow Cytometry, IF, 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:	GRHL1
Alternative Name:	GRHL1 ( <a href="#">GRHL1 Products</a> )
Background:	<p>Synonyms: Troponin I, fast skeletal muscle, Troponin I, fast-twitch isoform, TNNI2</p> <p>Tissue Specificity: Highly expressed in brain and weakly in heart, small intestine and uterus.</p> <p>Isoform 1A is mostly expressed in granular cell and molecular layer. Isoform 1B is mostly expressed in Purkinje cells. Isoform 1E is predominantly expressed in peripheral tissues as kidney, lung, trachea, colon, small intestine, stomach, bone marrow, thymus and mammary gland. .</p> <p>Background: This gene encodes a member of the grainyhead family of transcription factors. The encoded protein can exist as a homodimer or can form heterodimers with sister-of-mammalian grainyhead or brother-of-mammalian grainyhead. This protein functions as a transcription factor during development.</p>
Molecular Weight:	70 kDa
Gene ID:	29841
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Huang, N., Miller, W. L. Cloning of factors related to HIV-inducible LBP proteins that regulate steroidogenic factor-1-independent human placental transcription of the cholesterol side-chain cleavage enzyme, P450scc. J. Biol. Chem. 275: 2852-2858, 2000. 2. Jacobs, J., Atkins, M., Davie, K., Imrichova, H., Romanelli, L., Christiaens, V., Hulselmans, G., Potier, D., Wouters, J., Taskiran, I. I., Paciello, G., Gonzalez-Blas, C. B., Koldere, D., Aibar, S., Halder, G., Aerts, S. The transcription factor grainy head primes epithelial enhancers for spatiotemporal activation by displacing nucleosomes. Nature Genet. 50: 1011-1020, 2018.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
---------	-------------

## Handling

Reconstitution:	Add 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 <sub>2</sub> HPO <sub>4</sub> , 0.005 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store 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 freeze-thaw cycles.