Datasheet for ABIN7600289

anti-NAF1 antibody (AA 173-340)

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Overview

Quantity:	100 µg
Target:	NAF1
Binding Specificity:	AA 173-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-NAF1 Antibody Picoband®
Immunogen:	E.coli-derived human NAF1 recombinant protein (Position: K173-E340).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NAF1 Antibody Picoband® (ABIN7600289). Tested in ELISA, 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:	NAF1
Alternative Name:	NAF1 (NAF1 Products)
Background:	Synonyms: Homeobox protein SIX3,Sine oculis homeobox homolog 3,SIX3, Tissue Specificity: Highly expressed in placenta, lung, kidney, testis and ovary. Weakly expressed in spleen and thymus. Not expressed in peripheral blood lymphocytes. Detected in hippocampus. Background: Enables identical protein binding activity and telomerase RNA binding activity. Involved in regulation of nucleobase-containing compound metabolic process, ribosome biogenesis, and telomerase holoenzyme complex assembly. Located in nucleoplasm. Part of sno(s)RNA-containing ribonucleoprotein complex.
Molecular Weight:	70 kDa
Gene ID:	92345

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 2/7/2018. 2. Hoareau-Aveilla, C., Bonoli, M., Caizergues-Ferrer, M., Henry, Y. hNaf1 is required for accumulation of human box H/ACA snoRNPs, scaRNPs, and telomerase. RNA 12: 832-840, 2006. 3. Stanley, S. E., Gable, D. L., Wagner, C. L., Carlile, T. M., Hanumanthu, V. S., Podlevsky, J. D., Khalil, S. E., DeZern, A. E., Rojas-Duran, M. F., Applegate, C. D., Alder, J. K., Parry, E. M., Gilbert, W. V., Armanios, M. Loss-of-function mutations in the RNA biogenesis factor NAF1 predispose to pulmonary fibrosis-emphysema. Sci. Transl. Med. 8: 351ra107, 2016. Note: Electronic Article.
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

Handling

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.