Datasheet for ABIN7600607

anti-TRNAU1AP antibody (AA 21-282)

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Overview

Quantity:	100 µg
Target:	TRNAU1AP
Binding Specificity:	AA 21-282
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRNAU1AP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-TRNAU1AP Antibody Picoband®
Immunogen:	E.coli-derived human TRNAU1AP recombinant protein (Position: R21-E282).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TRNAU1AP Antibody Picoband® (ABIN7600607). 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:	TRNAU1AP
Alternative Name:	TRNAU1AP (TRNAU1AP Products)
Background:	Synonyms: Kelch repeat and BTB domain-containing protein 2, BTB and kelch domain-containing protein 1, KBTBD2, BKLHD1, KIAA1489 Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: Enables RNA binding activity. Predicted to be involved in selenocysteine incorporation. Predicted to be located in cytoplasm. Predicted to be active in nucleus. TRNAU1AP binds selenocysteine tRNA (tRNA-sec, see 165060) and is a component of the selenocysteine biosynthesis pathway.
Molecular Weight:	40 kDa
Gene ID:	54952

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Ding, F., Grabowski, P. J. Identification of a protein component of a mammalian tRNA-Sec complex implicated in the decoding of UGA as selenocysteine. RNA 5: 1561-1569, 1999. 2. Gross, M. B. Personal Communication. Baltimore, Md. 10/28/2021. 3. Hu, X., Luo, J., Lai, H., Li, M., Zheng, X., Nie, T., Li, F., Li, H. Knockdown of Trnau1ap inhibits the proliferation and migration of NIH3T3, JEG-3 and Bewo cells via the PI3K/Akt signaling pathway. Biochem. Biophys. Res. Commun. 503: 521-527, 2018.
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.

Handling

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.