Datasheet for ABIN7600063

anti-TTLL3 antibody (AA 144-762)

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Overview

Quantity:	100 µg
Target:	TTLL3
Binding Specificity:	AA 144-762
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTLL3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-TTLL3 Antibody Picoband®
Immunogen:	E.coli-derived human TTLL3 recombinant protein (Position: E144-R762).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TTLL3 Antibody Picoband® (ABIN7600063). 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:	TTLL3
Alternative Name:	TTLL3 (TTLL3 Products)
Background:	Synonyms: Protein eva-1 homolog A, Protein FAM176A, Transmembrane protein 166, EVA1A, FAM176A, TMEM166, SP24 Tissue Specificity: Expressed in lung, kidney, liver, pancreas, placenta, but not in heart and skeletal muscle. Background: Tubulin tyrosine ligase-like family, member 3 is a protein that in humans is encoded by the TTLL3 gene. Enables protein-glycine ligase activity. Predicted to be involved in axoneme assembly and flagellated sperm motility. Predicted to be located in axoneme, microtubule cytoskeleton, and sperm flagellum.
Molecular Weight:	87 kDa
Gene ID:	26140
UniProt:	Q9Y4R7

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Bosch Grau, M., Gonzalez Curto, G., Rocha, C., Magiera, M. M., Marques Sousa, P., Giordano, T., Spassky, N., Janke, C. Tubulin glycylases and glutamylases have distinct functions in stabilization and motility of ependymal cilia. J. Cell Biol. 202: 441-451, 2013. 2. Bosch Grau, M., Masson, C., Gadadhar, S., Rocha, C., Tort, O., Marques Sousa, P., Vacher, S., Bieche, I., Janke, C. Alterations in the balance of tubulin glycylation and glutamylation in photoreceptors leads to retinal degeneration. J. Cell Sci. 130: 938-949, 2017. Note: Erratum: J. Cell Sci. 133: jcs244475, 2020. 3. Gadadhar, S., Alvarez Viar, G., Hansen, J. N., Gong, A., Kostarev, A., Ialy-Radio, C., Leboucher, S., Whitfield, M., Ziyyat, A., Toure, A., Alvarez, L., Pigino, G., Janke, C. Tubulin glycylation controls axonemal dynein activity, flagellar beat, and male fertility. Science 371: eabd4914, 2021.
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.