Datasheet for ABIN7599552

anti-TUBGCP3 antibody (AA 1-802)

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Overview

Quantity:	100 µg
Target:	TUBGCP3
Binding Specificity:	AA 1-802
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBGCP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-TUBGCP3 Antibody Picoband®
Immunogen:	E.coli-derived human TUBGCP3 recombinant protein (Position: M1-R802).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TUBGCP3 Antibody Picoband® (ABIN7599552). 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:	TUBGCP3
Alternative Name:	TUBGCP3 (TUBGCP3 Products)
Background:	Synonyms: RNA-binding protein Nova-2, Astrocytic NOVA1-like RNA-binding protein, Neuro-oncological ventral antigen 2, NOVA2, ANOVA, NOVA3 Tissue Specificity: Brain. Expression restricted to astrocytes. Background: Gamma-tubulin complex component 3 is a protein that in humans is encoded by the TUBGCP3 gene. TUBGCP3, also named as γ-tubulin complex protein 3, localized to the centrosome, is a member of γ-tubulin complex proteins which play key roles in microtubule nucleation and organization. It has been reported that TUBGCP3 rotation can bring γ-tubulin molecules into proximity. 15719-1-AP antibody detects the isoform proteins around 95-101 kDa and 50 kDa in SDS-PAGE.
Molecular Weight:	104 kDa
Gene ID:	10426
Pathways:	M Phase, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 12/18/2017. 2. Murphy, S. M., Urbani, L., Stearns, T. The mammalian gamma-tubulin complex contains homologues of the yeast spindle pole body components Spc97p and Spc98p. J. Cell Biol. 141: 663-674, 1998. 3. Riehlman, T. D., Olmsted, Z. T., Branca, C. N., Winnie, A. M., Seo, L., Cruz, L. O., Paluh, J. L. Functional replacement of fission yeast gamma-tubulin small complex proteins Alp4 and Alp6 by human GCP2 and GCP3. J. Cell Sci. 126: 4406-4413, 2013.
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.

Handling

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.