Datasheet for ABIN7602516

anti-TTI2 antibody (AA 80-508)

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Overview

Quantity:	100 µg
Target:	TTI2
Binding Specificity:	AA 80-508
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTI2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TTI2 Antibody Picoband®
Immunogen:	E.coli-derived human TTI2 recombinant protein (Position: E80-T508).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TTI2 Antibody Picoband® (ABIN7602516). Tested in ELISA, Flow Cytometry, 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:	TTI2
Alternative Name:	TTI2 (TTI2 Products)
Background:	Synonyms: C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8, CPAMD8, KIAA1283 Tissue Specificity: Highly expressed in the kidney, brain and testis and to a lower extent in heart, liver and small intestine. Expressed in the lens, cornea and retina. Strongly expressed in the distal tips of the retinal neuroepithelium that form the iris and ciliary body. Background: TELO2 interacting protein 2 is a protein that in humans is encoded by the TTI2 gene. This gene encodes a regulator of the DNA damage response. The protein is a component of the Triple T complex (TTT) which also includes telomere length regulation protein and TELO2 interacting protein 1. The TTT complex is involved in cellular resistance to DNA damage stresses and may act as a regulator of phosphoinositide-3-kinase-related protein kinase (PIKK) abundance.
Molecular Weight:	60 kDa
Gene ID:	80185

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 1/11/2012. 2. Hurov, K. E., Cotta-Ramusino, C., Elledge, S. J. A genetic screen identifies the Triple T complex required for DNA damage signaling and ATM and ATR stability. Genes Dev. 24: 1939-1950, 2010. 3. Langouet, M., Saadi, A., Rieunier, G., Moutton, S., Siquier-Pernet, K., Fernet, M., Nitschke, P., Munnich, A., Stern, M.-H., Chaouch, M., Colleaux, L. Mutation in TTI2 reveals a role for triple T complex in human brain development. Hum. Mutat. 34: 1472-1476, 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

Handling

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.