Datasheet for ABIN7598968

anti-TXNDC17 antibody (AA 1-123)

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Overview

Quantity:	100 µg
Target:	TXNDC17
Binding Specificity:	AA 1-123
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNDC17 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TXNDC17 Antibody Picoband®
Immunogen:	E.coli-derived human TXNDC17 recombinant protein (Position: M1-D123).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TXNDC17 Antibody Picoband® (ABIN7598968). Tested in ELISA, WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. 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:	TXNDC17
Alternative Name:	TXNDC17 (TXNDC17 Products)
Background:	Synonyms: ATP synthase F (0) complex subunit C1,2,3, mitochondrial, ATP synthase lipid-binding protein, ATP synthase membrane subunit c locus 1,2,3, ATP synthase proteolipid P1, ATP synthase proton-transporting mitochondrial F (0) complex subunit C1,2,3, ATPase protein 9, ATPase subunit c, ATP5MC1,2,3, ATP5G1,2,3 Tissue Specificity: Highly expressed in thymus, uterus and testis. Detected at lower levels in brain, mammary gland, prostate, salivary gland and fetal spleen. In brain, highest expression in thalamus, hippocampus and amygdala. . Background: Disulfide reductase. May participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions. Modulates TNF-alpha signaling and NF-kappa-B activation. Has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide.
Molecular Weight:	14 kDa
Gene ID:	84817

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Hong, S., Huh, J.-E., Lee, S. Y., Shim, J.-K., Rhee, S. G., Jeong, W. TRP14 inhibits osteoclast differentiation via its catalytic activity. Molec. Cell. Biol. 34: 3515-3524, 2014. 2. Jeong, W., Chang, T.-S., Boja, E. S., Fales, H. M., Rhee, S. G. Roles of TRP14, a thioredoxin-related protein in tumor necrosis factor-alpha signaling pathways. J. Biol. Chem. 279: 3151-3159, 2004. 3. Jeong, W., Yoon, H. W., Lee, S.-R., Rhee, S. G. Identification and characterization of TRP14, a thioredoxin-related protein of 14 kDa: new insights into the specificity of the thioredoxin function. J. Biol. Chem. 279: 3142-3150, 2004.
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.