

Datasheet for ABIN7601878
anti-TSSK4 antibody (AA 5-319)



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Overview

Quantity:	100 µg
Target:	TSSK4
Binding Specificity:	AA 5-319
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSSK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TSSK4 Antibody Picoband®
Immunogen:	E.coli-derived human TSSK4 recombinant protein (Position: D5-K319).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TSSK4 Antibody Picoband® (ABIN7601878). Tested in ELISA, WB, Flow Cytometry 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:	TSSK4
Alternative Name:	TSSK4 (TSSK4 Products)
Background:	<p>Synonyms: E3 ubiquitin-protein ligase RNF169, RING finger protein 169, RING-type E3 ubiquitin transferase RNF169, RNF169, KIAA1991</p> <p>Tissue Specificity: Expressed in immature but not mature T-cells. Also found in CD34+ cells from peripheral blood, CD34+ precursors from umbilical cord blood and adult bone marrow.</p> <p>Background: This gene encodes a member of the testis-specific serine/threonine kinase family. The encoded protein is thought to be involved in spermatogenesis via stimulation of the CREB/CRE responsive pathway through phosphorylation of the cAMP responsive element binding protein transcription factor. Alternative splicing results in multiple transcript variants.</p>
Molecular Weight:	42 kDa
Gene ID:	283629

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg /1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Chen, X., Lin, G., Wei, Y., Hexige, S., Niu, Y., Liu, L., Yang, C., Yu, L. TSSK5, a novel member of the testis-specific serine/threonine kinase family, phosphorylates CREB at Ser-133, and stimulates the CRE/CREB responsive pathway. Biochem. Biophys. Res. Commun. 333: 742-749, 2005.</p>
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 Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and</p>

thawing.