

Datasheet for ABIN7599937
anti-TWF2 antibody (AA 13-327)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TWF2
Binding Specificity:	AA 13-327
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TWF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-TWF2 Antibody Picoband®
Immunogen:	E.coli-derived human TWF2 recombinant protein (Position: L13-K327).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TWF2 Antibody Picoband® (ABIN7599937). Tested in ELISA, IF, ICC, 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:	TWF2
Alternative Name:	TWF2 (TWF2 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: Twinfilin-2 is a protein that in humans is encoded by the TWF2 gene. The protein encoded by this gene was identified by its interaction with the catalytic domain of protein kinase C-zeta. The encoded protein contains an actin-binding site and an ATP-binding site. It is most closely related to twinfilin (PTK9), a conserved actin monomer-binding protein.
Molecular Weight:	40 kDa
Gene ID:	11344
Pathways:	Regulation of Actin Filament Polymerization , Regulation of Cell Size , Maintenance of Protein Location , Toll-Like Receptors Cascades

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Rohwer, A., Kittstein, W., Marks, F., Gschwendt, M. Cloning, expression and characterization of an A6-related protein. Europ. J. Biochem. 263: 518-525, 1999.
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.