

Datasheet for ABIN7602110
anti-TNS3 antibody (AA 592-869)



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Overview

Quantity:	100 µg
Target:	TNS3
Binding Specificity:	AA 592-869
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TNS3 Antibody Picoband®
Immunogen:	E.coli-derived human TNS3 recombinant protein (Position: Q592-E869). Human TNS3 shares 69.2% amino acid (aa) sequence identity with mouse TNS3.
Characteristics:	Anti-TNS3 Antibody Picoband® (ABIN7602110). Tested in WB, IHC, ICC/IF, IP, Flow Cytometry, ELISA 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:	TNS3
Alternative Name:	TNS3 (TNS3 Products)
Background:	TNS3, also named as TEM6, TENS1 and TPP, may play a role in actin remodeling. It is involved in the dissociation of the integrin-tensin-actin complex. EGF activates TNS4 and down-regulates TNS3 which results in capping the tail of ITGB1. TNS3 seems to be involved in mammary cell migration. It may be involved in cell migration and bone development. The antibody recognizes all the isoforms of TNS3.
Molecular Weight:	200 kDa
Gene ID:	64759

Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human</p> <p>Immunohistochemistry, 2-5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Immunoprecipitation, 0.5-2 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. Carson-Walter, E. B., Watkins, D. N., Nanda, A., Vogelstein, B., Kinzler, K. W., St. Croix, B. Cell surface tumor endothelial markers are conserved in mice and humans. <i>Cancer Res.</i> 61: 6649-6655, 2001. 2. Cui, Y., Liao, Y.-C., Lo, S. H. Epidermal growth factor modulates tyrosine phosphorylation of a novel tensin family member, tensin3. <i>Molec. Cancer Res.</i> 2: 225-232, 2004. 3. Katz, M., Amit, I., Citri, A., Shay, T., Carvalho, S., Lavi, S., Milanezi, F., Lyass, L., Amariglio, N., Jacob-Hirsch, J., Ben-Chetrit, N., Tarcic, G., Lindzen, M., Avraham, R., Liao, Y.-C., Trusk, P., Lyass, A., Rechavi, G., Spector, N. L., Lo, S. H., Schmitt, F., Bacus, S. S., Yarden, Y. A reciprocal tensin-3-cten switch mediates EGF-driven mammary cell migration. <i>Nature Cell Biol.</i> 9: 961-969, 2007.</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 .

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.