

Anti-Talin 2/TLN2 Antibody Picoband® HRP Conjugated

Catalog Number: PB9961-HRP

About TLN2

Talin 2 is a protein in humans that is encoded by the TLN2 gene. It belongs to the talin protein family. This gene encodes a protein related to talin 1, a cytoskeletal protein that plays a significant role in the assembly of actin filaments and in spreading and migration of various cell types, including fibroblasts and osteoclasts. Talin-2 is expressed at high levels in cardiac muscle and functions to provide linkages between the extracellular matrix and actin cytoskeleton at costamere structures to transduce force laterally.

Overview

Product Name	Anti-Talin 2/TLN2 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9Y4G6

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Talin 2.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. ELISA, Optimal dilutions should be determined by end users.

4 Publications Citing This Product

1. PubMed ID: 10.1096/fj.201900945R, Cyanidin³glucoside binds to talin and modulates colon cancer cell adhesions and 3D growth
2. PubMed ID: 10.1016/j.bbamcr.2020.118693, Talin2 mediates secretion and trafficking of matrix metalloproteinase 9 during invadopodium formation
3. PubMed ID: -, Poss, Ken & Pronobis, Mira & Zheng, Susan & Singh, Sumeet. (2021). In vivo proximity labeling identifies cardiomyocyte protein networks during zebrafish heart regeneration. 10.1101/2021.01.19.427246.

Visit bosterbio.com/anti-talin-2-picoband-trade-antibody-pb9961-boster.html to see all 4 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Talin 2/TLN2 Antibody - HRP

For Research Use Only. Not for use in diagnostic procedures.