

Anti-Talin 2/TLN2 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9961-Fluoro594

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

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| Product Name | Anti-Talin 2/TLN2 Antibody Picoband® Fluoro594 Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | Q9Y4G6 |

Technical Details

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| 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 | Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm |
| Suggested Dilutions | 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.

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