

Characterization and purification of TS28, a novel protein localized to the transverse tubules of rabbit skeletal muscle

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Notes: Thesis (M.Sc.) -- University of Toronto, 1994.

This edition was published in 1994



Filesize: 12.14 MB

Tags: #Proteoglycans #are #present #in #the #transverse #tubule #system #of #skeletal #muscle

Organization of junctional sarcoplasmic reticulum proteins in skeletal muscle fibers

To test this possibility, C2C12 myoblasts that had been transiently transfected with motorless-KIF3B were triggered to differentiate.

The Sarcoplasmic Reticulum of Skeletal Muscle: A Look from Inside

Ultrastructural localization of calsequestrin in rat skeletal muscle by immunoferritin labeling of ultrathin frozen sections.

The Sarcoplasmic Reticulum of Skeletal Muscle: A Look from Inside

Because the KIF3 motors were abundant and exhibited an altered cargo extraction profile in differentiating myotubes, we focused our research on the KIF3 motors, especially the kinesin-II complex. Particles clustered within junctional domains and visually identified as large were measured until a count of 100 was reached.

Immuno

Since amphiphysin I was shown to be an autoantigen in breast cancer De Camilli et al. The specimens were viewed on a scanning confocal microscope MRC-600; Biorad Laboratories, Hemel Hempstead, Hertfordshire, England.

Biogenesis of transverse tubules and triads: immunolocalization of the 1,4

On the other hand, on the substrate side, T tubules are less numerous and peripheral couplings account for 64% of the junctions, whereas peripherally located dyads are only 36% of the total from 152 junctions, 25 cells. The screening technique was tailored such that individual phage plaques could be tested for protein expression with both pan-kinesin peptide antibodies. The density of clusters in all three samples is very similar

see Results suggesting a colocalization of the two structures.

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