

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Anti-Human/Mouse/Rat TTN Polyclonal Antibody

多克隆抗体

产品货号: PA04935

第三版

描述:TTN (Titin) is a Protein Coding gene. Diseases associated with TTN include Myopathy, Proximal, With Early Respiratory Muscle Involvement and Tibial Muscular Dystrophy, Tardive. Among its related pathways are Response to elevated platelet cytosolic Ca²⁺ and Cardiac conduction. GO annotations related to this gene include nucleic acid binding and identical protein binding. An important paralog of this gene is OBSCN. This gene encodes a large abundant protein of striated muscle. The product of this gene is divided into two regions, a N-terminal I-band and a C-terminal A-band. The I-band, which is the elastic part of the molecule, contains two regions of tandem immunoglobulin domains on either side of a PEVK region that is rich in proline, glutamate, valine and lysine. The A-band, which is thought to act as a protein-ruler, contains a mixture of immunoglobulin and fibronectin repeats, and possesses kinase activity. An N-terminal Z-disc region and a C-terminal M-line region bind to the Z-line and M-line of the sarcomere, respectively, so that a single titin molecule spans half the length of a sarcomere.

抗原:Synthetic peptide from human protein

配方:

如何使用:加1ml超纯水重溶

稳定性: -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

稀释液:PBS (pH7.4) ， 1% BSA

应用:WB 1 ~ 5 μ g/ml.

特异性:Isoform 3, isoform 7 and isoform 8 are expressed in cardiac muscle. Isoform 4 is expressed in vertebrate skeletal muscle. Isoform 6 is expressed in cardiac tissues.