

Product datasheet

Human Myosin 18B peptide ab45499

概述

产品名称 人Myosin 18B多肽

描述

性质 Synthetic

氨基酸序列

种属 Human

序列 C-DDVASIMKKYLQK

氨基酸 2555 to 2567

技术指标

Our [Abpromise guarantee](#) covers the use of **ab45499** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 Blocking

形式 Liquid

制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

常规信息

功能 May be involved in intracellular trafficking of the muscle cell when in the cytoplasm, whereas entering the nucleus, may be involved in the regulation of muscle specific genes. May play a role in the control of tumor development and progression; restored MYO18B expression in lung cancer cells suppresses anchorage-independent growth.

组织特异性 Selectively expressed in cardiac and skeletal muscles. Weakly expressed in testis, pancreas, placenta, prostate, lung and thymus.

序列相似性 Contains 1 IQ domain.  
Contains 1 myosin head-like domain.

发展阶段	Reaches an expression peak in the third day after induction and remains at similar level during successive myotubule maturation.
细胞定位	Cytoplasm. Nucleus. Cytoplasm > myofibril > sarcomere. Punctate pattern in undifferentiated myoblasts. Nuclear, on primary cardiomyocytes and adult muscle. A partial sarcomeric location was found in some cardiomyocytes.

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