

Product datasheet

Anti-Plectin antibody [E398P] ab32528

リコンビナント RabMAb®

★★★★★ 1 Abreviews 20 References 画像数 2

製品の概要

製品名	Anti-Plectin antibody [E398P]
製品の詳細	Rabbit monoclonal [E398P] to Plectin
由来種	Rabbit
特異性	ab32528 recognises plectin, a 500-kDa intermediate filament binding protein.
アプリケーション	適用あり: WB, IHC-P, IP 適用なし: Flow Cyt
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant fragment within Plectin (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	Jurkat cell lysate, human skeletal muscle
特記事項	

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab® patents](#)

This product is a recombinant rabbit monoclonal antibody.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
精製度	IgG fraction
ポリ/モノ	モノクローナル
クローン名	E398P
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab32528** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
WB		1/5000. Detects a band of approximately 500 kDa (predicted molecular weight: 531 kDa).
IHC-P	★★★★★	1/250.
IP		1/40.

追加情報 Is unsuitable for Flow Cyt.

ターゲット情報

機能 Interlinks intermediate filaments with microtubules and microfilaments and anchors intermediate filaments to desmosomes or hemidesmosomes. Could also bind muscle proteins such as actin to membrane complexes in muscle. May be involved not only in the filaments network, but also in the regulation of their dynamics. Structural component of muscle. Isoform 9 plays a major role in the maintenance of myofibers integrity.

組織特異性 Widely expressed with highest levels in muscle, heart, placenta and spinal cord.

関連疾患 Epidermolysis bullosa simplex with pyloric atresia
Epidermolysis bullosa simplex, with muscular dystrophy
Epidermolysis bullosa simplex, Ogná type
Limb-girdle muscular dystrophy 2Q

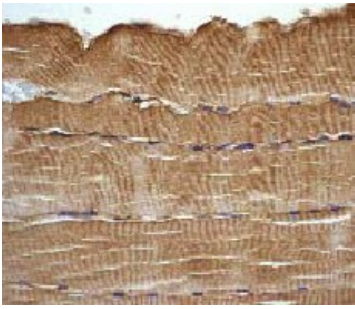
配列類似性 Belongs to the plakin or cytolinker family.
Contains 1 actin-binding domain.
Contains 2 CH (calponin-homology) domains.
Contains 33 plectin repeats.
Contains 4 spectrin repeats.

ドメイン The N-terminus interacts with actin, the C-terminus with vimentin, desmin, GFAP, cytokeratins, lamin B; whereas both the N-and the C-terminus can bind integrin beta-4.

翻訳後修飾 Phosphorylated by CDK1; regulates dissociation from intermediate filaments during mitosis.

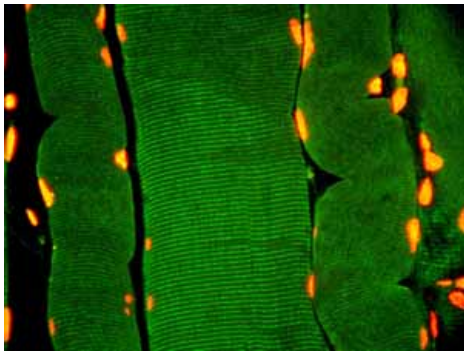
細胞内局在 Cytoplasm > cytoskeleton. Cell junction > hemidesmosome.

画像



Immunohistochemical staining of paraffin-embedded human skeletal muscle using ab32528 at a dilution of 1/250

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Plectin antibody [E398P] (ab32528)



Fluorescent immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using ab32528. Green-Plectin red-PI

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Plectin antibody [E398P] (ab32528)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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