Plectin Rabbit mAb

Catalog No: #48803

Package Size: #48803-1 50ul #48803-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

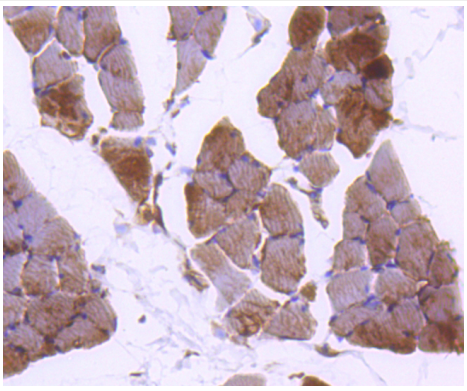
Description

Product Name	Plectin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SY29-04
Purification	ProA affinity purified
Applications	WB, IHC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	EBS1 antibody EBSO antibody HD1 antibody Hemidesmosomal protein 1 antibody PCN antibody pleC antibody PLEC_HUMAN antibody PLEC1 antibody PLEC1b antibody Plectin 1 antibody Plectin 1 intermediate filament binding protein 500kDa antibody Plectin 6 antibody Plectin antibody Plectin-1 antibody PLTN antibody
Accession No.	Swiss-Prot#:Q15149
Uniprot	Q15149
GeneID	5339;
Calculated MW	531 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

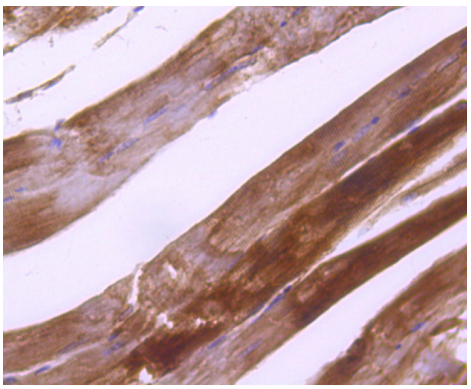
Application Details

WB: 1:1,000IHC: 1:100-1:500

Images



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue using anti-Plectin antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue using anti-Plectin antibody. Counter stained with hematoxylin.

Background

Plectin is an abundant cytoskeletal protein that is involved in cytoplasm stabilization. Plectin has been shown to crosslink intermediate filaments to microtubules and microfilaments, and to anchor intermediate filaments to the plasma and nuclear membranes. Plectin binds both Lamin B and vimentin, and this binding is regulated by a variety of protein kinases. Phosphorylation by PKA or PKC results in decreased binding to Lamin B, and phosphorylation by PKA enhances the plectin-vimentin interactions. Plectin is also a substrate for p34cdc2 kinase. Several alternative splice isoforms of plectin are known to exist. Mutations in human plectin are known to cause epidermolysis bullosa simplex with muscular dystrophy (EBS-MD).

References

Note: This product is for in vitro research use only