

Plectin Rabbit mAb

Catalog # AP77415

Product Information

Application	WB, IHC-P, IP
Primary Accession	Q15149
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Plectin
Purification	Affinity Chromatography
Calculated MW	531791

Additional Information

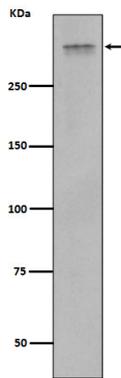
Gene ID	5339
Other Names	PLEC
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	PLEC
Synonyms	PLEC1
Function	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 myofiber integrity.
Cellular Location	Cytoplasm, cytoskeleton. Cell junction, hemidesmosome. Cell projection, podosome {ECO:0000250 UniProtKB:Q9QXS1}. Note=Localized to the cortex of myotube podosomes. {ECO:0000250 UniProtKB:Q9QXS1}
Tissue Location	Widely expressed with highest levels in muscle, heart, placenta and spinal

cord

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.