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Plectin Antibody

Rabbit mAb
Catalog # AP90180

Product Information

Application	WB, IHC, IP
Primary Accession	Q15149
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	EBS1; EBSO; HD1; Hemidesmosomal protein 1; PCN; pleC; PLEC1 ;Plectin 1; Plectin 6; Plectin; PLTN
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	531791

Additional Information

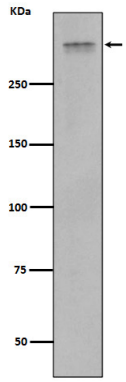
Dilution	WB 1:1000~1:2000 IHC 1:50~1:100 IP 1:30
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Plectin
Description	Interlinks intermediate filaments with microtubules and microfilaments and anchors intermediate filaments to desmosomes or hemidesmosomes. Could 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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



Western blot analysis of Plectin expression in Jurkat cell lysate.

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