10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# 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

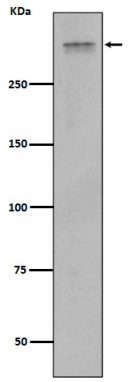
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|---|---|
| **Gene ID** | 5339 |
| **Other Names** | PLEC |
| **Dilution** | WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A |
| **Format** | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| **Storage** | Store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

## Protein Information

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|---|---|
| **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




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