

Product datasheet for **TA354534**

Plectin (PLEC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the C-term portion of human Plectin. This sequence is identical to rat, mouse and human origins.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~500 kDa
Gene Name:	plectin
Database Link:	NP_000436 Entrez Gene 18810 Mouse Entrez Gene 64204 Rat Entrez Gene 5339 Human Q15149
Background:	Plectin is a cytoskeleton linker protein expressed in a variety of tissues including skin, muscle, and nerves. Plectin can bind to several molecules (intermediate filaments) that make up the cytoskeleton. Mutations in its gene are associated with epidermolysis bullosa simplex with late-onset muscular dystrophy. In certain skin cells, this protein is an essential part of hemidesmosomes, which attach the network of intermediate filaments to the cell membrane. It is also a component of desmosomes, which form junctions between neighboring cells. As part of these structures, plectin plays a critical role in anchoring the outer layer of the skin (the epidermis) to underlying layers. Mutations in the PLEC1 gene also cause at least two other forms of epidermolysis bullosa



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Synonyms: EBS1; EBSO; HD1; LGMD2Q; PCN; PLEC1; PLEC1b; PLTN

Protein Families: Druggable Genome