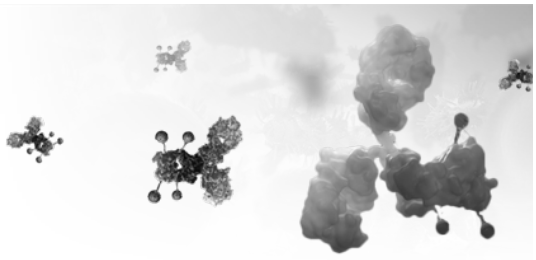

Human TLN1 blocking peptide (CDBP2911)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Talin 1/TLN1 antibody
Antigen Description	This gene encodes a cytoskeletal protein that is concentrated in areas of cell-substratum and cell-cell contacts. The encoded protein plays a significant role in the assembly of actin filaments and in spreading and migration of various cell types, including fibroblasts and osteoclasts. It codistributes with integrins in the cell surface membrane in order to assist in the attachment of adherent cells to extracellular matrices and of lymphocytes to other cells. The N-terminus of this protein contains elements for localization to cell-extracellular matrix junctions. The C-terminus contains binding sites for proteins such as beta-1-integrin, actin, and vinculin. [provided by RefSeq, Feb 2009]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TLN1 talin 1 [Homo sapiens (human)]
Official Symbol	TLN1

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Synonyms	TLN1; talin 1; TLN; ILWEQ; talin-1;
Entrez Gene ID	7094
mRNA Refseq	NM_006289.3
Protein Refseq	NP_006280.3
UniProt ID	Q9Y490
Chromosome Location	9p13
Pathway	Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; EGF receptor (ErbB1) signaling pathway, organism-specific biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; GRB2:SOS provides linkage to MAPK signaling for Intergrins, organism-
Function	LIM domain binding; actin binding; insulin receptor binding; integrin binding; protein binding; structural constituent of cytoskeleton; vinculin binding;

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