



Anti-TLN1 (aa 1052-1149) polyclonal antibody (DPAB-DC3071)

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

PRODUCT INFORMATION

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.
Immunogen	TLN1 (NP_006280, 1052 a.a. ~ 1149 a.a) partial recombinant protein with GST tag. The sequence is SALSVVQNLEKDLQEVKAAARDGKLPGETMEKCTQDLGNSTKAVSSAIAQLLGEVAQ GNENYAGIAARDVAGGLRSLAQAARGVAALTSDPAVQA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TLN1 talin 1 [Homo sapiens (human)]
Official Symbol	TLN1
Synonyms	TLN1; talin 1; TLN; ILWEQ; talin-1;
Entrez Gene ID	7094
Protein Refseq	NP_006280
UniProt ID	Q9Y490
Chromosome Location	9p13
Pathway	Axon guidance; EGF receptor (ErbB1) signaling pathway; Focal adhesion; HTLV-I infection
Function	LIM domain binding; actin binding; insulin receptor binding; integrin binding