

Mouse Talin-2 (TLN2) ELISA Kit | TLN2 elisa kit

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CATALOG #
AAA332225

REACTIVITY
Mouse

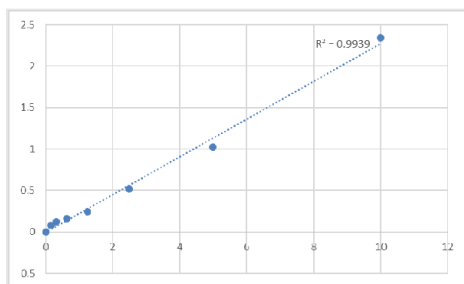
PRODUCT SYNONYMS

Talin-2 (TLN2); Mouse Talin-2 (TLN2) ELISA Kit; TLN2; DKFZp451B1011; DKFZp686I0976; DKFZp686K0979; ILWEQ; KIAA0320; TLN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Talin-2 (TLN2) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TLN2. No significant cross-reactivity or interference between Mouse TLN2 and analogues was observed.
Sequence Length	2542
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Talin-2 (TLN2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TLN2 elisa kit	Description: This Mouse Talin-2 (TLN2) ELISA Kit employs a two-site sandwich ELISA to quantitate TLN2 in samples. An antibody specific for TLN2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TLN2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TLN2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TLN2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TLN2 encodes a protein related to talin 1, a cytoskeletal protein that plays a significant role in the assembly of actin filaments and in spreading and migration of various cell types, including fibroblasts and osteoclasts. This protein has a different pattern of expression compared to talin 1 but, like talin 1, is thought to associate with unique transmembrane receptors to form novel linkages between extracellular matrices and the actin cytoskeleton. The deduced 2,532-amino acid protein contains a FERM domain. In TLN1, the FERM domain binds the cytodomains of beta-1 and beta-3 integrins, as well as to F-actin and other proteins. TLN2 shares 74% identity with TLN1, and the N- and C-terminal regions of TLN2 are highly conserved across species.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	163310736
NCBI GeneID	70549
NCBI Accession #	NP_001074711.2
NCBI GenBank Nucleotide #	NP_001074711.2
UniProt Accession #	Q71LX4
NCBI Official Full Name	talin-2
NCBI Official Synonym Full Names	talin 2
NCBI Official Symbol	Tln2
NCBI Official Synonym Symbols	AI507121; AI787438; AL118320; mKIAA0320; 5730421P04Rik
NCBI Protein Information	talin-2
UniProt Protein Name	Talin-2
UniProt Gene Name	Tln2
UniProt Entry Name	TLN2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.