



Anti-TLN1 polyclonal antibody (DPAB-DC945)

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

PRODUCT INFORMATION

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| Antigen Description | TLN1 (talin 1) is a protein-coding gene. Diseases associated with TLN1 include embryonal rhabdomyosarcoma, and rhabdomyosarcoma, and among its related super-pathways are Focal Adhesion and Activation of Chaperones by IRE1alpha. GO annotations related to this gene include actin binding and insulin receptor binding. An important paralog of this gene is TLN2. |
| Specificity | Specific to recombinant protein GX0347. This antibody detects endogenous mTLN1 protein in several cell types. It also recognizes human TLN1 protein. |
| Immunogen | Recombinant GST fusion protein corresponding to 156 mouse Tln1. The sequence is PASPNLKSQLAAAARAVTDSINQLITMCTQQAPGQKECDNALRQLETVRELLENPVQPIN DMSYFGCLDSVMENSKVLGEAMTGISQNAKNGNLPEFGDAIATASKALCGFTEAAQAAAY LGVSDPNSQAGQQGLVEPTQFARANQAIQMACQSL |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB, |
| Format | Liquid |
| Size | 100 µg |
| Buffer | In PBS (50% glycerol, 0.02% sodium azide) |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | Tln1 talin 1 [<i>Mus musculus</i> (house mouse)] |
| Official Symbol | TLN1 |
| Synonyms | TLN1; talin 1; Tln; talin-1; |
| Entrez Gene ID | 21894 |
| Protein Refseq | NP_035732 |
| UniProt ID | P26039 |
| Chromosome Location | 4 B1; 4 |
| Pathway | Axon guidance; Focal Adhesion; GRB2:SOS provides linkage to MAPK signaling for Integrins; Hemostasis |
| Function | LIM domain binding; actin binding; insulin receptor binding; integrin binding |