



Anti-TLN1 polyclonal antibody (DPAB-DC945)

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

PRODUCT INFORMATION

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 PASPNLKSQAAAAARAVTDSINQLITMCTQQAPGQKECDNALRQLETVRELLENPVQPIN DMSYFGCLDSVMENSKVLGEAMTGISQNAKNGNLPEFGDAIATASKALCGFTEAAAQAAY LVGVSDPNSQAGQQGLVEPTQFARANQAIQMACQSL
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

Gene Name	Tln1 talin 1 [Mus musculus (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