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anti-TLN1 antibody (C-Term)





Overview	
Quantity:	100 μL
Target:	TLN1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human Talin-1.
	The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to Talin-1 (talin 1)
	Talin-1 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	TLN1

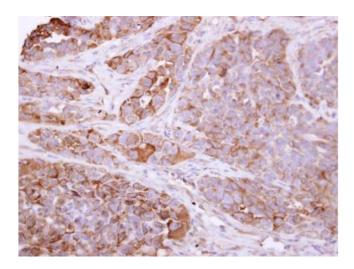
Target Details

Alternative Name:	talin 1 (TLN1 Products)
Background:	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.
	Cellular Localization: Cell projection , ruffle membrane, Peripheral membrane protein,
	Cytoplasmic side (By similarity) , Cytoplasm , cytoskeleton (By similarity)
Molecular Weight:	270 kDa
Gene ID:	7094
UniProt:	Q9Y490
Pathways:	Cell-Cell Junction Organization, ER-Nucleus Signaling, Maintenance of Protein Location
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Comment:	Positive Control: Neuro2A , C8D30 , NIH-3T3 , Raw264.7 , C2C12
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	2.09 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
Precaution of Use:	
Precaution of Use:	handled by trained staff only.

Storage Comment:

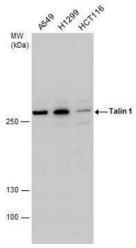
Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. IHC-P Image Talin 1 antibody [C3], C-term detects TLN1 protein at cytosol on H357 xenograft by immunohistochemical analysis. Sample: Paraffin-embedded H357 xenograft. Talin 1 antibody [C3], C-term , dilution: 1:500.



Western Blotting

Image 2. WB Image Talin 1 antibody detects Talin 1 protein by western blot analysis. Various whole cell extracts (30 μ g) were separated by 5% SDS-PAGE, and the membrane was blotted with Talin 1 antibody, diluted by 1:500.