

Datasheet for ABIN571042

anti-TLN1 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	TLN1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TLN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Talin 1 / TLN1
Immunogen:	Peptide with sequence C-QEALHTQMLTAVQE, from the internal region of the protein sequence according to NP_006280.3.
Sequence:	QEALHTQMLT AVQE
Isotype:	IgG
Specificity:	This antibody is not expected to cross-react with the highly similar protein Talin 2.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	TLN1
Alternative Name:	TLN1 (TLN1 Products)
Background:	TLN1, talin 1, ILWEQ, KIAA1027, TLN
Gene ID:	7094, 21894, 313494
NCBI Accession:	NP_006280
Pathways:	Cell-Cell Junction Organization , ER-Nucleus Signaling , Maintenance of Protein Location

Application Details

Application Notes:	Western Blot: A >250 kDa band observed in Human Peripheral Mononucleocyte lysates (calculated MW of 270 kDa according to NP_006280.3). Recommended concentration: 1-3 µg/mL. An additional band of unknown identity was also consistently observed at 110 kDa. Thi Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571042 (1µg/ml) staining of Human Peripheral Mononucleocytes lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.