

Talin 1 / TLN1 Antibody (internal region)

Peptide-affinity purified goat antibody Catalog # AF2998a

Specification

Talin 1 / TLN1 Antibody (internal region) - Product Information

Application WB
Primary Accession O9Y490

Other Accession NP 006280.3, 7094, 21894 (mouse), 313494

<u>(rat)</u>

Reactivity Human

Predicted Mouse, Rat, Dog, Cow

Host Goat
Clonality Polyclonal
Concentration 0.5 mg/ml
Isotype IgG
Calculated MW 269767

Talin 1 / TLN1 Antibody (internal region) - Additional Information

Gene ID 7094

Other Names

Talin-1, TLN1, KIAA1027, TLN

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Talin 1 / TLN1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Talin 1 / TLN1 Antibody (internal region) - Protein Information

Name TLN1

Synonyms KIAA1027, TLN

Function

High molecular weight cytoskeletal protein concentrated at regions of cell-substratum contact and, in lymphocytes, at cell-cell contacts (By similarity). Involved in connections of major cytoskeletal structures to the plasma membrane (By similarity).



Cellular Location

Cell projection, ruffle membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton. Cell surface {ECO:0000250|UniProtKB:P26039}. Cell junction, focal adhesion {ECO:0000250|UniProtKB:P26039}. Note=Colocalizes with LAYN at the membrane ruffles. Localized preferentially in focal adhesions than fibrillar adhesions (By similarity).

Tissue Location

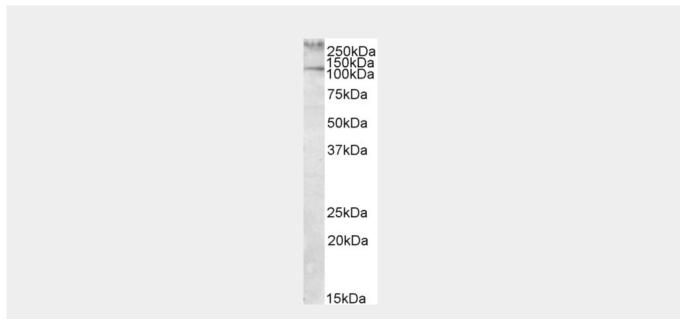
[Isoform 2]: Expressed at low to non-detectable levels in many tissues but highly expressed in skin and pancreas with other tissues including kidney cortex, endocervix, testis, pituitary, liver, and spleen also showing robust expression

Talin 1 / TLN1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Talin 1 / TLN1 Antibody (internal region) - Images



AF2998a (1 μ g/ml) staining of Human Peripheral Mononucleocytes lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Talin 1 / TLN1 Antibody (internal region) - Background

This antibody is not expected to cross-react with the highly similar protein Talin 2.

Talin 1 / TLN1 Antibody (internal region) - References

Talin 1 and paxillin facilitate distinct steps in rapid VLA-4-mediated adhesion strengthening to vascular cell adhesion molecule 1. Manevich E, Grabovsky V, Feigelson SW, Alon R, The Journal of





biological chemistry 2007 Aug 282 (35): 25338-48. PMID: 17597073