

**Talin 1 / TLN1 Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2998a****Specification**

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

Application	<b>WB</b>
Primary Accession	<a href="#">O9Y490</a>
Other Accession	<a href="#">NP_006280.3</a> , <a href="#">7094</a> , <a href="#">21894 (mouse)</a> , <a href="#">313494 (rat)</a>
Reactivity	<b>Human</b>
Predicted	<b>Mouse, Rat, Dog, Cow</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Concentration	<b>0.5 mg/ml</b>
Isotype	<b>IgG</b>
Calculated MW	<b>269767</b>

**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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Talin 1 / TLN1 Antibody (internal region) - Images**

AF2998a (1 µg/ml) staining of Human Peripheral Mononucleocytes lysate (35 µg 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