10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TLN1 / Talin Antibody (clone 1A11)

Mouse Monoclonal Antibody
Catalog # ALS13405

Specification

TLN1 / Talin Antibody (clone 1A11) - Product Information

Application	**WB, IHC**
Primary Accession	Q9Y490
Reactivity	**Human, Mouse, Rat**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**270kDa KDa**

TLN1 / Talin Antibody (clone 1A11) - Additional Information

Gene ID 7094

Other Names
Talin-1, TLN1, KIAA1027, TLN

Reconstitution & Storage
Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions
TLN1 / Talin Antibody (clone 1A11) is for research use only and not for use in diagnostic or therapeutic procedures.

TLN1 / Talin Antibody (clone 1A11) - 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

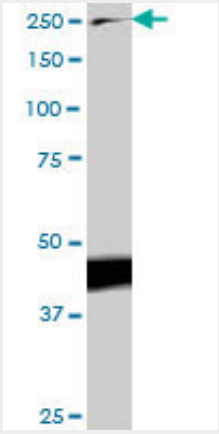
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TLN1 / Talin Antibody (clone 1A11) - Protocols

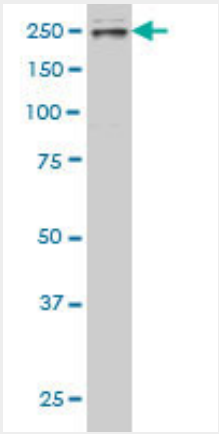
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TLN1 / Talin Antibody (clone 1A11) - Images

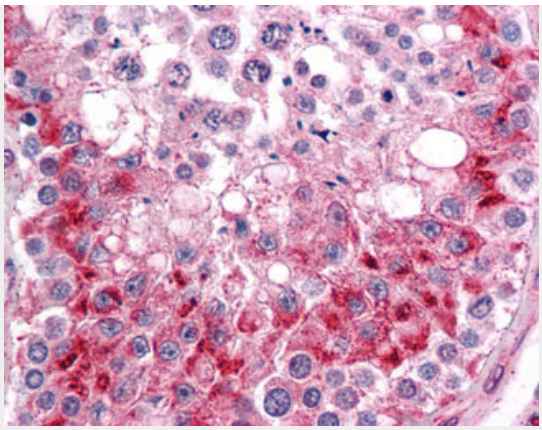


TLN1 monoclonal antibody clone 1A11. Western blot of TLN1 expression in PC-12.



TLN1 monoclonal antibody clone 1A11. Western blot of TLN1 expression in Raw 264.7.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



Anti-TLN1 / Talin antibody IHC of human testis.

TLN1 / Talin Antibody (clone 1A11) - Background

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

TLN1 / Talin Antibody (clone 1A11) - References

Mao L.,et al.Submitted (JUL-1998) to the EMBL/GenBank/DDBJ databases.
Ben-Yosef T.,et al.Genomics 62:316-319(1999).
Kikuno R.,et al.DNA Res. 6:197-205(1999).
Nakajima D.,et al.DNA Res. 9:99-106(2002).
Humphray S.J.,et al.Nature 429:369-374(2004).