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TLN1 / Talin Antibody (clone 2E10)

Mouse Monoclonal Antibody
Catalog # ALS13408

Specification

TLN1 / Talin Antibody (clone 2E10) - Product Information

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

TLN1 / Talin Antibody (clone 2E10) - 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 2E10) is for research use only and not for use in diagnostic or therapeutic procedures.

TLN1 / Talin Antibody (clone 2E10) - 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

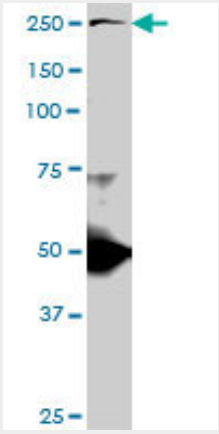
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TLN1 / Talin Antibody (clone 2E10) - Protocols

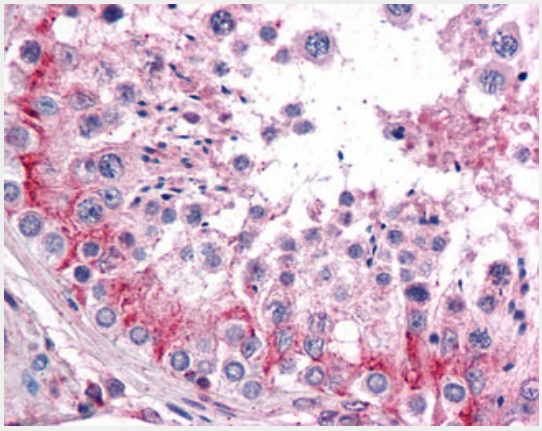
Provided below are standard protocols that you may find useful for product applications.

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

TLN1 / Talin Antibody (clone 2E10) - Images



TLN1 monoclonal antibody clone 2E10. Western blot of TLN1 expression in PC-12.



Anti-TLN1 / Talin antibody IHC of human testis.

TLN1 / Talin Antibody (clone 2E10) - 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 2E10) - 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).