

ARG65005 anti-TLN1 / Talin 1 antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes TLN1 / Talin 1 |
| Tested Reactivity | Hu |
| Predict Reactivity | Ms, Rat, Cow, Dog |
| Tested Application | WB |
| Specificity | This antibody is not expected to cross-react with the highly similar protein Talin 2. |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | TLN1 / Talin 1 |
| Species | Human |
| Immunogen | C-QEALHTQMLTAVQE |
| Conjugation | Un-conjugated |
| Alternate Names | Talin-1; TLN; ILWEQ |

Application Instructions

| | | |
|-------------------|--|-------------|
| Application table | Application | Dilution |
| | WB | 1 - 3 µg/ml |
| Application Note | WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 7094 Human](#)

[Swiss-port # Q9Y490 Human](#)

Background This gene encodes a cytoskeletal protein that is concentrated in areas of cell-substratum and cell-cell contacts. The encoded protein plays a significant role in the assembly of actin filaments and in spreading and migration of various cell types, including fibroblasts and osteoclasts. It codistributes with integrins in the cell surface membrane in order to assist in the attachment of adherent cells to extracellular matrices and of lymphocytes to other cells. The N-terminus of this protein contains elements for localization to cell-extracellular matrix junctions. The C-terminus contains binding sites for proteins such as beta-1-integrin, actin, and vinculin. [provided by RefSeq, Feb 2009]

Research Area Signaling Transduction antibody

Calculated Mw 270 kDa

Images



ARG65005 anti-TLN1 / Talin 1 antibody WB image

Western blot: Human Peripheral Mononucleocytes lysate (35 µg protein in RIPA buffer) stained with ARG65005 anti-TLN1 / Talin 1 antibody at 1 µg/ml dilution.