

Product datasheet

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ARG41981 anti-Talin 2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Talin 2

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Talin 2

Species Human

Immunogen Synthetic peptide of Human Talin 2.

Conjugation Un-conjugated
Alternate Names Talin-2; ILWEQ

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

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. 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

Gene Symbol TLN2

Gene Full Name talin 2

Background This gene encodes a protein related to talin 1, a cytoskeletal protein that plays a significant role in the

assembly of actin filaments and in spreading and migration of various cell types, including fibroblasts and osteoclasts. This protein has a different pattern of expression compared to talin 1 but, like talin 1, is

thought to associate with unique transmembrane receptors to form novel linkages between

extracellular matrices and the actin cytoskeleton. [provided by RefSeq, Jul 2008]

Function As a major component of focal adhesion plaques that links integrin to the actin cytoskeleton, may play

an important role in cell adhesion. Recruits PIP5K1C to focal adhesion plaques and strongly activates its

kinase activity (By similarity). [UniProt]

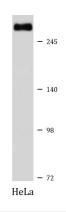
Calculated Mw 272 kDa

Cellular Localization Cytoplasm. Cell junction, focal adhesion. Cell junction, synapse. Cell membrane; Peripheral membrane

protein; Cytoplasmic side. Cytoplasm, cytoskeleton. Note=Focal adhesion plaques and synapses

(PubMed:12422219). [UniProt]

Images



ARG41981 anti-Talin 2 antibody WB image

Western blot: HeLa cell lysate stained with ARG41981 anti-Talin 2 antibody.