

TLN1 Rabbit Polyclonal Antibody



CAB4158

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

240kDa

Calculated MW:

269kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

7094

Uniprot

Q9Y490

Synonyms:

TLN1; ILWEQ; TLN; talin-1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

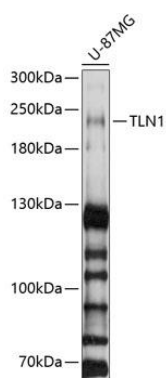
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human TLN1 (NP_006280.3).

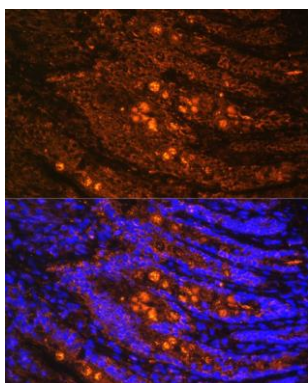
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

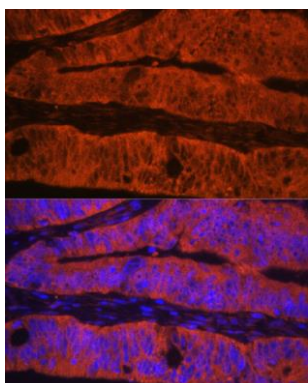
Product Images



Western blot analysis of extracts of U-87MG cells, using TLN1 antibody (CAB4158) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 20s.



Immunofluorescence analysis of rat Intestine using TLN1 antibody (CAB4158) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of human colon carcinoma using TLN1 antibody (CAB4158) at dilution of 1:100. Blue: DAPI for nuclear staining.