

Rabbit anti-Human Talin 2 Monoclonal Antibody | anti-TLN2 antibody

Talin 2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28535	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Talin 2; Monoclonal Antibody; Talin 2 Rabbit mAb; ILWEQ; TLN2; Talin-2; anti-TLN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	VLQEWPLTTV KRWAAPKSF TLDFGEYQES YYSVQTTEGE QISQLIAGYI DIILKKKQSK DRFGLEGDEE STMLEESVSP KKSTILQQQF NRTGKAEHGS V
Applicable Applications for anti-TLN2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:1000-1:6000 IHC-P: 1:500-1:2000 IF/ICC: 1:100-1:400 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 350-450 of human Talin 2 (Q9Y4G6).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Mouse brain tissue using Talin 2 Rabbit mAb (AAA28535, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



ICC (Immunocytochemistry)

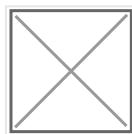
Confocal imaging of paraffin-embedded Rat brain tissue using Talin 2 Rabbit mAb (AAA28535, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

**IHC (Immunohistochemistry)**

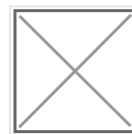
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using Talin 2 Rabbit mAb (AAA28535) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using Talin 2 Rabbit mAb (AAA28535) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Talin 2 Rabbit mAb (AAA28535) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Talin 2 Rabbit mAb (AAA28535) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-TLN2 antibody	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.
Product Categories/Family for anti-TLN2 antibody	Signal Transduction ; Cell Biology Developmental Biology ; Cytoskeleton ; Microfilaments ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	156938343
NCBI GeneID	83660
NCBI Accession #	NP_055874.2
NCBI GenBank Nucleotide #	NM_015059.2
UniProt Accession #	Q9Y4G6 ; A6NLB8
Molecular Weight	Calculated MW: 272kDa Observed MW: 272kDa
UniProt Protein Name	Talin-2
UniProt Gene Name	TLN2
UniProt Synonym Gene Names	KIAA0320

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/talin-2-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28535>