

Rabbit Talin 2 Polyclonal Antibody | anti-TLN2 antibody

Anti-Talin 2 Antibody

CATALOG # AAA46627	HOST Rabbit	REACTIVITY Human, Mouse, Rat No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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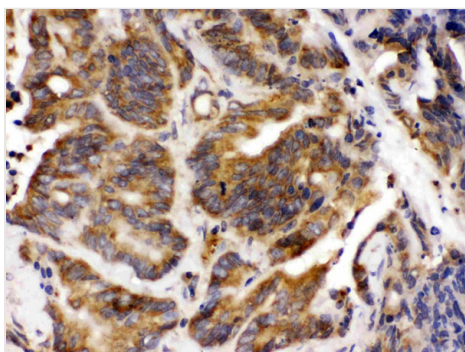
PRODUCT SYNONYMS

Talin 2; Polyclonal Antibody; Anti-Talin 2 Antibody; Talin2; Talin-2; TLN2; TLN 2; TLN-2; ILWEQ; Q9Y4G6; talin 2; anti-TLN2 antibody

PRODUCT SPECIFICATIONS

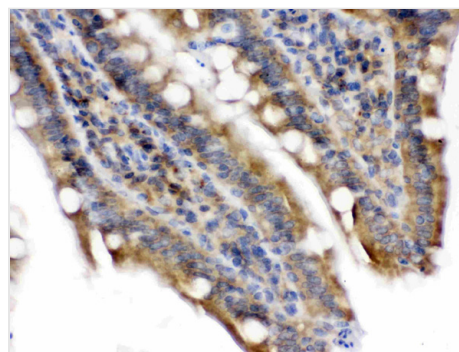
Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	2542
Applicable Applications for anti-TLN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Talin 2 (1787-1822aa NPKAQHTHDAITEAAQLMKEAVDDIMVTLNEAASEV).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



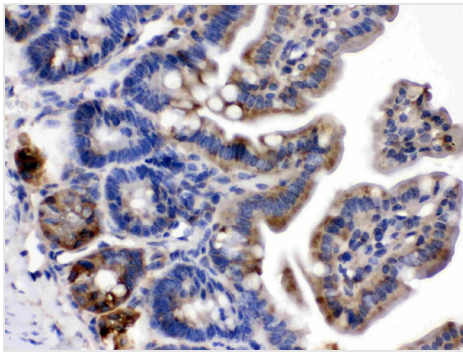
IHC (Immunohistochemistry)

Talin 2 was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- Talin 2 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

Talin 2 was detected in paraffin-embedded sections of rat intestine tissues using rabbit anti- Talin 2 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

Talin 2 was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti- Talin 2 Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of Talin 2 expression in rat brain extract (lane 1), mouse cardiac muscle extract (lane 2) and SMMC7721 whole cell lysates (lane 3). Talin 2 at 271KD was detected using rabbit anti-Talin 2 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-TLN2 antibody	Rabbit IgG polyclonal antibody for Talin-2 (TLN2) detection. Background: Talin 2 is a protein in humans that is encoded by the TLN2 gene. It belongs to the talin protein family. 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. Talin-2 is expressed at high levels in cardiac muscle and functions to provide linkages between the extracellular matrix and actin cytoskeleton at costamere structures to transduce force laterally.
References	1. "Entrez Gene: Talin 2". 2. Monkley SJ, Pritchard CA, Critchley DR (Sep 2001). "Analysis of the mammalian talin2 gene TLN2". Biochemical and Biophysical Research Communications 286 (5): 880-5. 3. Praekelt U, Kopp PM, Rehm K, Linder S, Bate N, Patel B, Debrand E, Manso AM, Ross RS, Conti F, Zhang MZ, Harris RC, Zent R, Critchley DR, Monkley SJ (Mar 2012). "New isoform-specific monoclonal antibodies reveal different sub-cellular localisations for talin1 and talin2". European Journal of Cell Biology 91 (3): 180-91.

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	271,613 Da
NCBI Official Full Name	talin-2
NCBI Official Synonym Full Names	talin 2
NCBI Official Symbol	TLN2
NCBI Official Synonym Symbols	ILWEQ
NCBI Protein Information	talin-2
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/polyclonal/talin-2-antibody-immunohistochemistry-western-blot-elisa/46627>