

---

**Product Name: TLN2 Rabbit Polyclonal Antibody****Catalog #: APRab18985**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC,ICC/IF
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	IHC 1:50-1:300,ICC/IF 1:50-1:200
<b>Molecular Weight</b>	279kDa

**Antigen Information**

<b>Gene Name</b>	TLN2
<b>Alternative Names</b>	KIAA0320
<b>Gene ID</b>	83660.0
<b>SwissProt ID</b>	Q9Y4G6
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein

**Background**

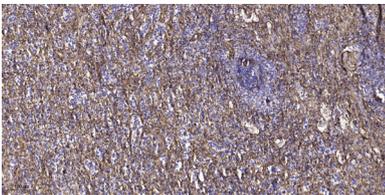
This gene encodes a protein related to talin 1, a cytoskeletal protein that plays a significant role in the assembly of actin filaments and in spreading and migration of various cell types, including fibroblasts and osteoclasts. This protein has a different pattern of expression compared to talin 1 but, 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.,similarity:Contains 1 FERM domain.,similarity:Contains 1 I/LWEQ domain.,subcellular location:Focal adhesion plaques and synapses.,subunit:Interacts directly with PIP5K1C.,

## Research Area

Focal adhesion;

## Image Data



Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1,TLN2 Rabbit Polyclonal Antibody was diluted at 1:200 (4° overnight) . 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98°C,20min) . 3,Secondary antibody was diluted at 1:200.