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Datasheet for ABIN7270720 anti-TLN2 antibody

4 Images



Overview

Quantity:	100 μL
Target:	TLN2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TLN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	Talin 2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Talin 2
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

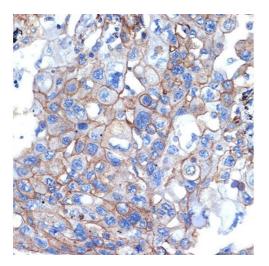
Target Details

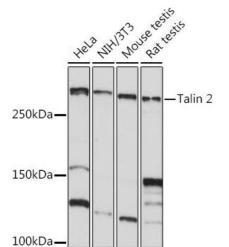
Target:	TLN2
Alternative Name:	TLN2 (TLN2 Products)
Background:	This gene encodes a protein related to talin 1, a cytoskeletal protein that plays a significant role

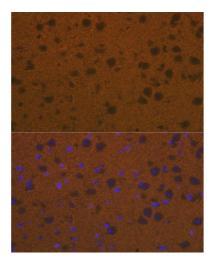
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Target Details

	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],ILWEQ,Cell Biology & Developmental
	Biology,Cytoskeleton,Cytoskeleton_Microfilaments,Signal Transduction,TLN2
Molecular Weight:	270kDa
Gene ID:	83660
UniProt:	Q9Y4G6
Pathways:	Cell-Cell Junction Organization, Maintenance of Protein Location
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.







Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using Talin 2 Rabbit mAb (ABIN7270720) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Talin 2 Rabbit mAb (ABIN7270720) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

Immunofluorescence

Image 3. Immunofluorescence analysis of mouse brain cells using Talin 2 Rabbit mAb (ABIN7270720) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 4 images are available for ABIN7270720.

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