

For Research Use Only

TLN1 Recombinant antibody, PBS Only



Catalog Number: 82856-18-PBS

Basic Information

Catalog Number: 82856-18-PBS	GenBank Accession Number: BC042923	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 7094	CloneNo.: 240294G5
Source: Rabbit	UNIPROT ID: Q9Y490	
Isotype: IgG	Full Name: talin 1	
Immunogen Catalog Number: AG5367	Calculated MW: 2541 aa, 270 kDa	

Applications

Tested Applications:
ELISA, IF/ICC, WB

Species Specificity:
rat, mouse, human

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

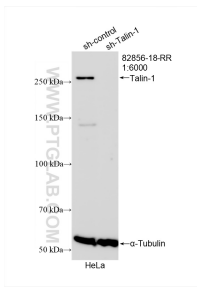
T: 4006900926

E: Proteintech-CN@ptglab.com

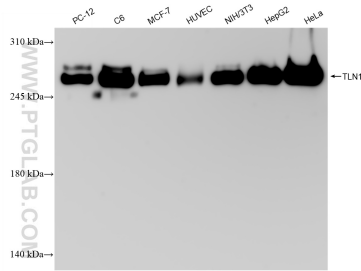
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

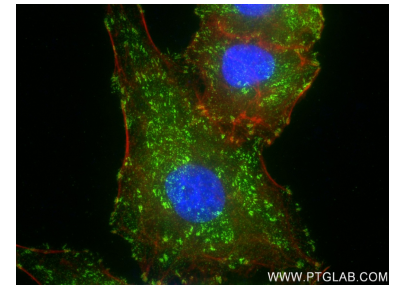
Selected Validation Data



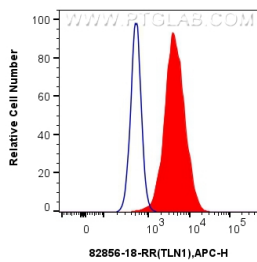
WB result of Talin-1 antibody (82856-18-RR; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Talin-1 transfected HeLa cells. This data was developed using the same antibody clone with 82856-18-PBS in a different storage buffer formulation.



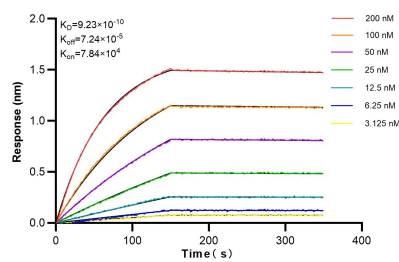
Various lysates were subjected to SDS PAGE followed by western blot with 82856-18-RR (Talin-1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82856-18-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using Talin-1 antibody (82856-18-RR, Clone: 240294G5) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 82856-18-PBS in a different storage buffer formulation.



1×10^6 A549 cells were intracellularly stained with 0.25 ug Talin-1 Recombinant Antibody (82856-18-RR, Clone: 240294G5) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82856-18-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82856-18-RR against Human TLN1 were performed. The affinity constant is 0.923 nM.