

For Research Use Only

Talin-1 Recombinant antibody

Catalog Number: 82856-4-RR



Basic Information

Catalog Number: 82856-4-RR	GenBank Accession Number: BC042923	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7094	CloneNo.: 7D11
Source: Rabbit	Full Name: talin 1	Recommended Dilutions: WB 1:5000-1:50000 IF 1:500-1:2000
Isotype: IgG	Calculated MW: 2541 aa, 270 kDa	
Immunogen Catalog Number: AG5367	Observed MW: 270 kDa	

Applications

Tested Applications:
IF, WB, ELISA

Species Specificity:
Human, Mouse, Rat

Positive Controls:

WB: HeLa cells, HepG2 cells, Jurkat cells, K-562 cells,
MCF-7 cells, NIH/3T3 cells, C6 cells

IF: A549 cells, HUVEC cells

Background Information

Talin-1 is a large cytoskeletal protein consisting of a globular head domain and a long rod comprised of a series of α -helical bundles (PMID: 35266014). Talin-1 is ubiquitously expressed and is a major component of focal adhesions which are multi-protein, integrin-containing complexes, mediating cell migration, adhesion and integrin signalling (PMID: 33431906). Talin-1 also plays a role in tumor formation, migration and metastasis in various malignancies (PMID: 37013489).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

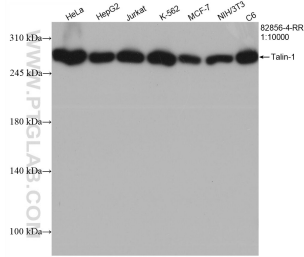
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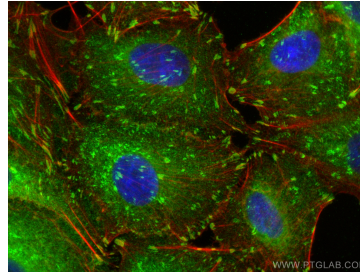
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82856-4-RR (Talin-1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using Talin-1 antibody (82856-4-RR, Clone: 7D11) at dilution of 1:1000 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).