

For Research Use Only

# ACTN3 Recombinant antibody, PBS Only

Catalog Number: 84356-1-PBS



## Basic Information

<b>Catalog Number:</b> 84356-1-PBS	<b>GenBank Accession Number:</b> BC099647	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 89	<b>CloneNo.:</b> 241168A5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q08043	
<b>Isotype:</b> IgG	<b>Full Name:</b> actinin, alpha 3	
<b>Immunogen Catalog Number:</b> AG36709	<b>Calculated MW:</b> 901 aa, 103 kDa	
	<b>Observed MW:</b> 100 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
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:

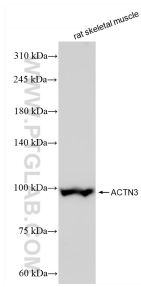
T: 4006900926

E: Proteintech-CN@ptglab.com

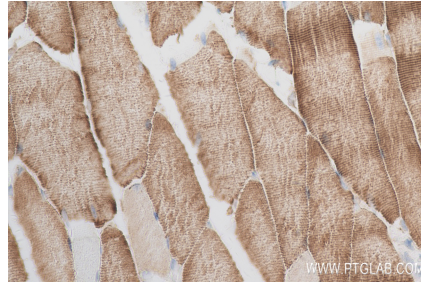
W: ptgcn.com

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

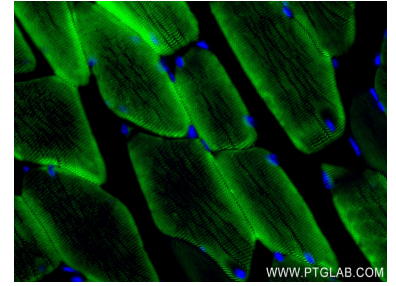
## Selected Validation Data



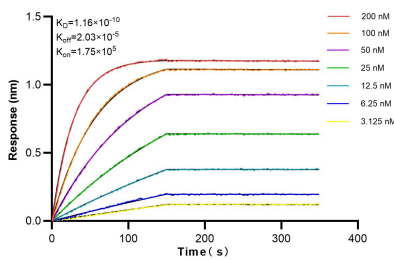
rat skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 84356-1-RR (ACTN3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84356-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 84356-1-RR (ACTN3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84356-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using ACTN3 antibody (84356-1-RR, Clone: 241168A5 ) at dilution of 1:200 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84356-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 84356-1-RR against Human ACTN3 were performed. The affinity constant is 0.116 nM.