

For Research Use Only

ACTN3 Recombinant antibody

Catalog Number: 84356-1-RR



Basic Information

Catalog Number: 84356-1-RR	GenBank Accession Number: BC099647	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 89	CloneNo.: 241168A5
Source: Rabbit	UNIPROT ID: Q08043	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500 IF-P 1:50-1:500
Isotype: IgG	Full Name: actinin, alpha 3	
Immunogen Catalog Number: AG36709	Calculated MW: 901 aa, 103 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : rat skeletal muscle tissue,
IHC : mouse skeletal muscle tissue,
IF-P : mouse skeletal muscle tissue,

Background Information

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

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

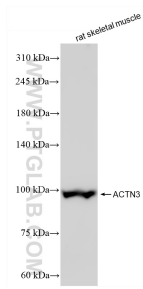
T: 4006900926

E: Proteintech-CN@ptglab.com

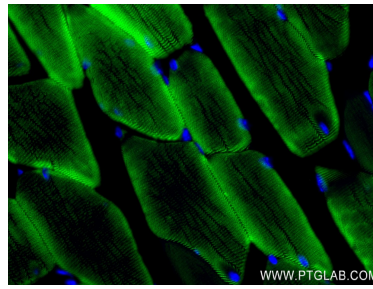
W: ptgcn.com

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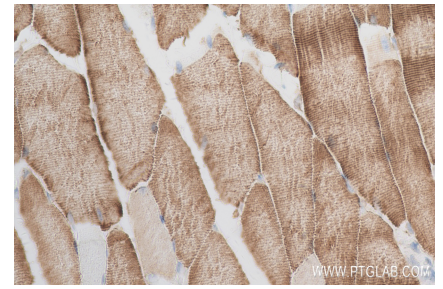
Selected Validation Data



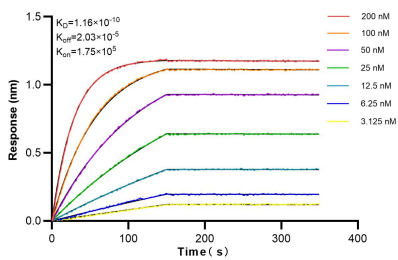
rat skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 84356-1-RR (ACTN3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).



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).



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