

For Research Use Only

# ACTN3 Recombinant antibody

Catalog Number: 84356-1-RR



## Basic Information

**Catalog Number:**

84356-1-RR

**Size:**

100ul, Concentration: 1000 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG36709

**GenBank Accession Number:**

BC099647

**GeneID (NCBI):**

89

**UNIPROT ID:**

Q08043

**Full Name:**

actinin, alpha 3

**Calculated MW:**

901 aa, 103 kDa

**Observed MW:**

100 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

241168A5

**Recommended Dilutions:**

WB 1:5000-1:50000

IHC 1:50-1:500

IF-P 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, IF-P, 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,

## 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

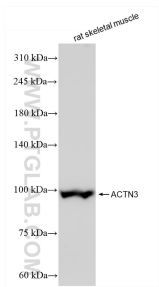
For technical support and original validation data for this product please contact:

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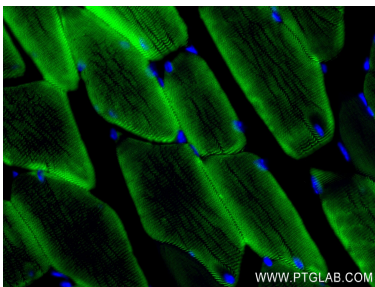
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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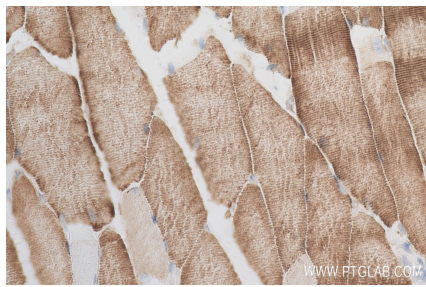
Selected Validation Data



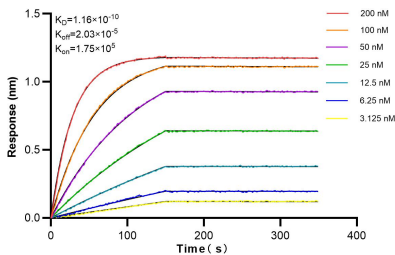
rat skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 84356-1-RR (ACTN3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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.