

For Research Use Only

ACTN3 Polyclonal antibody

Catalog Number: 24378-1-AP **1 Publications**



Basic Information

Catalog Number: 24378-1-AP	GenBank Accession Number: BC099647	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 89	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500 IF 1:200-1:800
Source: Rabbit	UNIPROT ID: Q08043	
Isotype: IgG	Full Name: actinin, alpha 3	
Immunogen Catalog Number: AG19479	Calculated MW: 901 aa, 103 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: IF-P, IHC, WB, ELISA	Positive Controls: WB : mouse skeletal muscle tissue, IHC : mouse skeletal muscle tissue, human breast cancer tissue IF : mouse skeletal muscle tissue,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
I O Petrova	30168060	Dokl Biochem Biophys	WB

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:

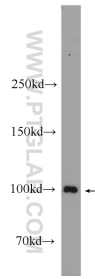
T: 4006900926

E: Proteintech-CN@ptglab.com

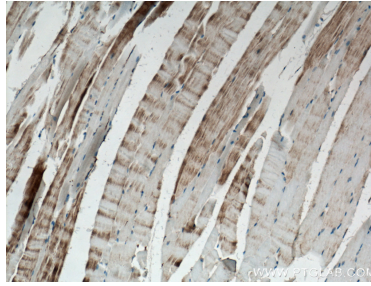
W: ptgcn.com

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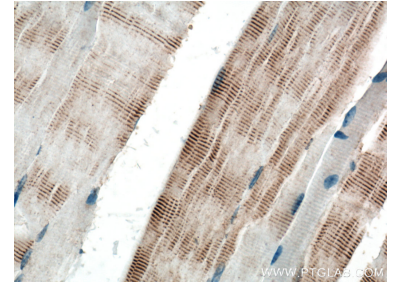
Selected Validation Data



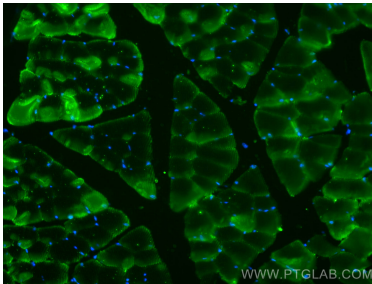
mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 24378-1-AP (ACTN3 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



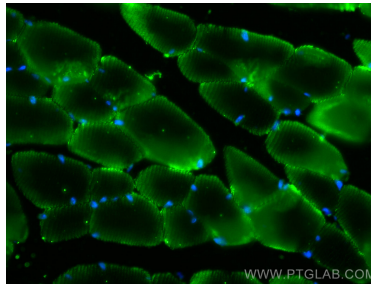
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 24378-1-AP (ACTN3 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 24378-1-AP (ACTN3 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using ACTN3 antibody (24378-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using ACTN3 antibody (24378-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).