For Research Use Only

MYOM1-Specific Polyclonal antibody

Catalog Number:20360-1-AP 5 Publications

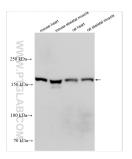
Antibodies | ELISA kits | Proteins www.ptglab.com

20360-1-AP Size: 150ul, Concentration: 700 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard; Source:	UNIPROT ID:		Antigen affinity pu Recommended Dil WB 1:1000-1:4000		
Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;	8736 UNIPROT ID:				
method using BSA as the standard;	UNIT KUT TD.		VVD 1.1000-1.4000		
5		UNITROTTD.		IHC 1:20-1:200 IF-P 1:50-1:500	
Source.	P52179 Full Name: myomesin 1, 185kDa		IF/ICC 1:50-1:500		
Rabbit					
Isotype: IgG	Calculated MW: 188 kDa				
	Observed MW: 190 kDa				
Tested Applications:		Positive Con	trols:		
		rat heart tissue, rat skeletal mu			
WB, IHC, RIP, IF					
Species Specificity:		tissue	skeletat muscle tisst	ie, numan heart	
		IF-P:mouse	skeletal muscle tissu	ıe, mouse heart	
		tissue			
TE buffer pH 9.0; (*) Alternativ	vely, antigen				
				n, and light	
Author Pub	med ID Jour	nal Applic		Application	
Kosmas Kosmas 361	42826 Int J	Mol Sci		IF	
Xiaoli Zhang, Ze 346	522152 iScie	nce		WB,RIP	
Catarina Rippe 284	65505 Sci R	ер		WB	
Storage Buffer:					
Aliquoting is unnecessary for -20 $^{\circ}$ C s	torage				
	Tested Applications: WB, IHC, IF/ICC, IF-P, ELISA Cited Applications: WB, IHC, RIP, IF Species Specificity: human, mouse, rat Cited Species: mouse, rat Note-IHC: suggested antigen r TE buffer pH 9.0; (*) Alternation retrieval may be performed we buffer pH 6.0 MYOM1 is a major component of the meromyosin. This binding is dose-dee Author Put Kosmas Kosmas 361 Xiaoli Zhang, Ze 346 Catarina Rippe 284 Storage: Storage Buffer: PBS with 0.02% sodium azide and 50	Tested Applications: WB, IHC, IF/ICC, IF-P, ELISA Cited Applications: WB, IHC, RIP, IF Species Specificity: human, mouse, rat Cited Species: mouse, rat Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 MYOM1 is a major component of the vertebrate myofibrilla meromyosin. This binding is dose-dependent. The antibody Áuthor Pubmed ID Journ Kosmas Kosmas 36142826 Int J Xiaoli Zhang, Ze 34622152 iScie Catarina Rippe 28465505 Sci R Storage: Storage: Store at -20°C. Stable for one year after shipment.	Tested Applications: Positive Con WB, IHC, IF/ICC, IF-P, ELISA WB: mouse h Cited Applications: rat heart tissu WB, IHC, RIP, IF IHC : human: Species Specificity: tissue human, mouse, rat IF-P: mouse: Cited Species: tissue mouse, rat IF/ICC : C2C: Note-IHC: suggested antigen retrieval with TF/ICC : C2C: Note-IHC: suggested antigen retrieval with TF/ICC : C2C: MVOM1 is a major component of the vertebrate myofibrillar M band. MYON meromyosin. This binding is dose-dependent. The antibody is specific to M MYOM1 is a major component of the vertebrate myofibrillar M band. MYON meromyosin. This binding is dose-dependent. The antibody is specific to M Author Pubmed ID Journal Kosmas Kosmas 36142826 Int J Mol Sci Xiaoli Zhang, Ze 34622152 iScience Catarina Rippe 28465505 Sci Rep Storage: Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.	Tested Applications: Positive Controls: WB, IHC, IF/ICC, IF-P, ELISA WB : mouse heart tissue, mouse sl Cited Applications: WB : mouse heart tissue, mouse sl WB, IHC, RP, IF HC : human skeletal muscle tissu Species Specificity: HC : human skeletal muscle tissu human, mouse, rat IF-P : mouse skeletal muscle tissu Cited Species: IF-P : mouse skeletal muscle tissu mouse, rat IF-P : mouse skeletal muscle tissu Note-IHC: suggested antigen retrieval with IF/ICC : C2C12 cells, TE buffer pH 9.0; (*) Alternatively, antigen IF/ICC : C2C12 cells, WYOM1 is a major component of the vertebrate myofibrillar M band. MYOM1 binds myosin, titin meromyosin. This binding is dose-dependent. The antibody is specific to MYOM1. Author Pubmed ID Journal Kosmas Kosmas 36142826 Int J Mol Sci Xiaoli Zhang, Ze 34622152 iScience Catarina Rippe 28465505 Sci Rep Storage: Storage Storage Storage Storage Buffer. PBS with 0.02% sodium azide and 50% glycerol pH 7.3.	

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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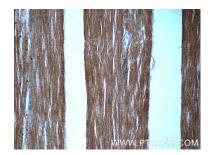
Selected Validation Data



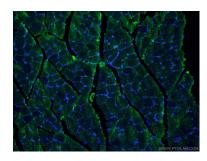
Various lysates were subjected to SDS PAGE followed by western blot with 20360-1-AP (MYOM1-Specific antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



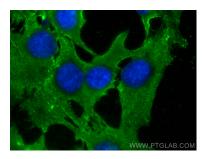
Immunohistochemical analysis of paraffinembedded human skeletal muscle tissue slide using 20360-1-AP (MYOM1-Specific Antibody) at dilution of 1:50 (under 10x lens).



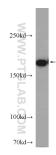
Immunohistochemical analysis of paraffinembedded human skeletal muscle tissue slide using 20360-1-AP (MYOM1-Specific Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using 20360-1-AP (MYOM1-Specific antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Methanol) fixed C2C12 cells using MYOM1-Specific antibody (20360-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 20360-1-AP (MYOM1-Specific antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.