

For Research Use Only

Supervillin Polyclonal antibody, PBS Only

Catalog Number: 27524-1-PBS



Basic Information

Catalog Number: 27524-1-PBS	GenBank Accession Number: NM_003174	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6840	
Source: Rabbit	UNIPROT ID: O95425	
Isotype: IgG	Full Name: supervillin	
Immunogen Catalog Number: AG26196	Calculated MW: 248 kDa	
	Observed MW: 205 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Supervillin (SVIL) belongs to the villin/gelsolin superfamily of actin-binding proteins involved in many cellular processes. A non-muscle-specific form of Supervillin activates androgen receptor activity. Supervillin another isoform, called Archvillin, is expressed in skeletal and cardiac muscle tissue where it plays a role in both muscle fiber structure and signaling. Mutations in Supervillin are associated with myofibrillar Myopathy10 (MFM10), which causes myopathy with myofibrillar disorganization and autophagic vacuoles (PMID: 9867483, 32779703).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

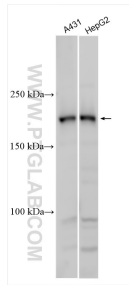
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

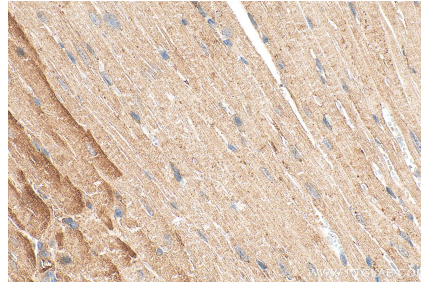
E: proteintech@ptglab.com
W: ptglab.com

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

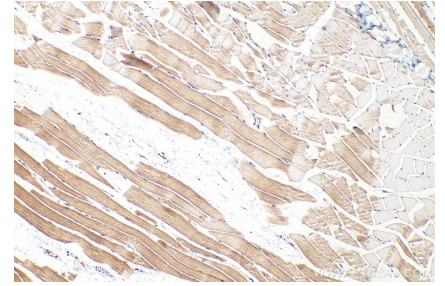
Selected Validation Data



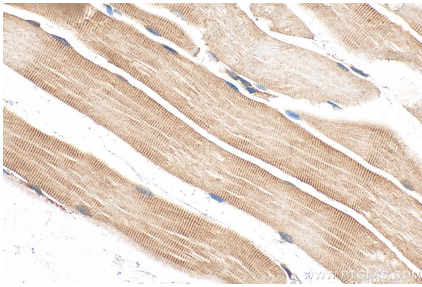
Various lysates were subjected to SDS PAGE followed by western blot with 27524-1-AP (Supervillin antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27524-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 27524-1-AP (Supervillin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27524-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 27524-1-AP (Supervillin 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 27524-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 27524-1-AP (Supervillin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27524-1-PBS in a different storage buffer formulation.