

For Research Use Only

# SAMD4A Polyclonal antibody

Catalog Number: 17387-1-AP

Featured Product

3 Publications



## Basic Information

<b>Catalog Number:</b> 17387-1-AP	<b>GenBank Accession Number:</b> BC021726	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23034	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> sterile alpha motif domain containing 4A	<b>for WB</b> IHC 1:20-1:200
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 529 aa, 59 kDa	
<b>Immunogen Catalog Number:</b> AG11273	<b>Observed MW:</b> 70 kDa	

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Cited Applications:

IHC, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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:** mouse skeletal muscle tissue, mouse heart tissue

**IP:** mouse skeletal muscle tissue,

**IHC:** human spleen tissue, human kidney tissue, human lung tissue, human ovary tissue, human testis tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yuze Wang	32341522	Cell Mol Immunol	WB
Changliang Liu	37507781	J Neuroinflammation	WB
Deqin Li	37515967	Tissue Cell	IHC,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

\*\*\* 20ul sizes contain 0.1% BSA

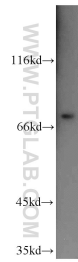
For technical support and original validation data for this product please contact:

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

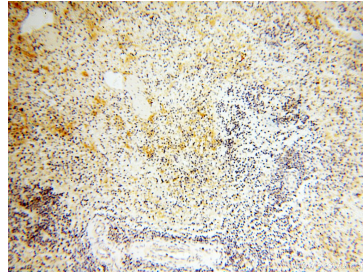
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

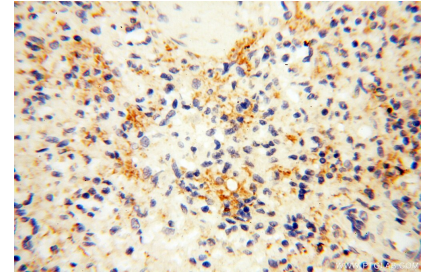
## Selected Validation Data



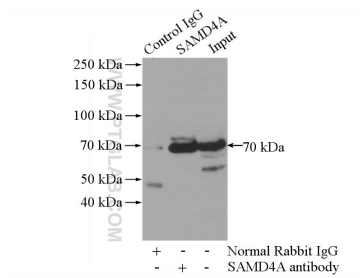
mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 17387-1-AP (SAM4A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human spleen using 17387-1-AP (SAM4A antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human spleen using 17387-1-AP (SAM4A antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-SAM4A (IP:17387-1-AP, 4 $\mu$ g; Detection:17387-1-AP 1:500) with mouse skeletal muscle tissue lysate 2200 $\mu$ g.