

For Research Use Only

# FAM48A Polyclonal antibody

Catalog Number: 24419-1-AP



## Basic Information

<b>Catalog Number:</b> 24419-1-AP	<b>GenBank Accession Number:</b> BC030686	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55578	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> family with sequence similarity 48, member A	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 779 aa, 86 kDa	
<b>Immunogen Catalog Number:</b> AG19875	<b>Observed MW:</b> 86 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : PC-3 cells, Jurkat cells
<b>Species Specificity:</b> human	<b>IHC :</b> human testis tissue,

**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

FAM48A also named as C13orf19 or SUPT20H is a 779 amino acid protein, which belongs to the SPT20 family. FAM48A is required for MAP kinase p38 activation during gastrulation and for starvation-induced ATG9A trafficking during autophagy. FAM48A localizes in the nucleus and is highly expressed in testis, moderately in brain and pituitary gland.

## Storage

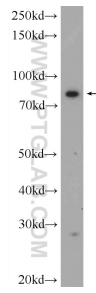
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

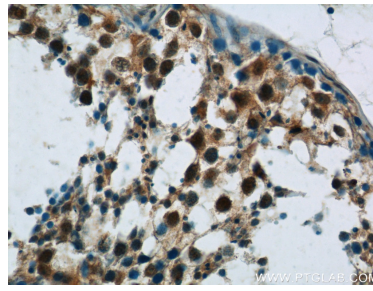
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 24419-1-AP (FAM48A Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24419-1-AP (FAM48A Antibody) at dilution of 1:50 (under 40x lens).