

For Research Use Only

FAM48A Polyclonal antibody

Catalog Number: 24419-1-AP



Basic Information

Catalog Number: 24419-1-AP	GenBank Accession Number: BC030686	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 750 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55578	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8NEM7	
Isotype: IgG	Full Name: family with sequence similarity 48, member A	
Immunogen Catalog Number: AG19875	Calculated MW: 779 aa, 86 kDa	
	Observed MW: 86 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : PC-3 cells, Jurkat cells IHC : mouse testis tissue, human testis tissue
Species Specificity: human	
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

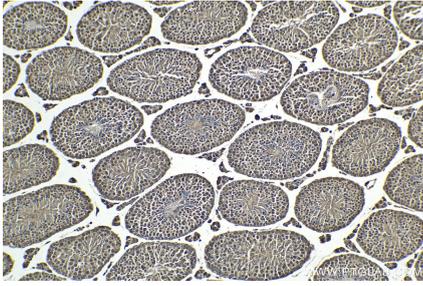
For technical support and original validation data for this product please contact:

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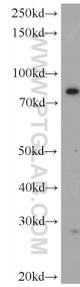
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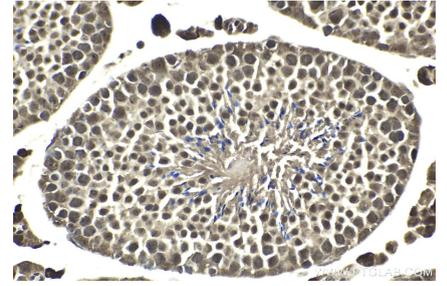
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24419-1-AP (FAM48A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 mouse testis tissue slide using 24419-1-AP (FAM48A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).