

For Research Use Only

FAM48A Polyclonal antibody

Catalog Number: 24419-1-AP



Basic Information

Catalog Number:

24419-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19875

GenBank Accession Number:

BC030686

GeneID (NCBI):

55578

UNIPROT ID:

Q8NEM7

Full Name:

family with sequence similarity 48, member A

Calculated MW:

779 aa, 86 kDa

Observed MW:

86 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Positive Controls:

WB : PC-3 cells, Jurkat cells

IHC : mouse testis tissue, 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

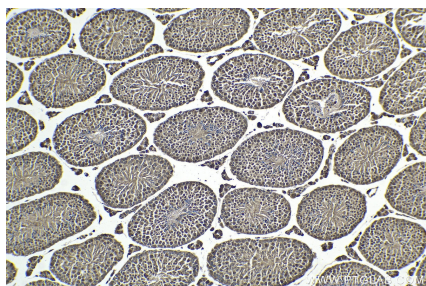
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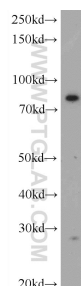
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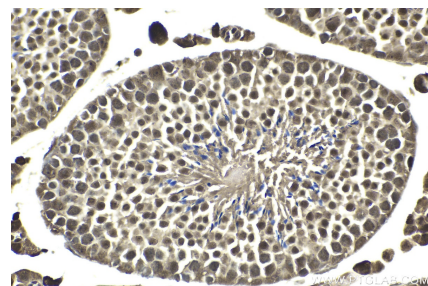
Selected Validation Data



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).