

For Research Use Only

FAM164C Polyclonal antibody

Catalog Number: 20520-1-AP



Basic Information

Catalog Number: 20520-1-AP	GenBank Accession Number: BC004259	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 750 ug/ml by Nanodrop and 460 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79696	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF/ICC 1:10-1:100
Source: Rabbit	UNIPROT ID: Q53FDO	
Isotype: IgG	Full Name: family with sequence similarity 164, member C	
Immunogen Catalog Number: AG14359	Calculated MW: 275 aa, 31 kDa	
	Observed MW: 31-36 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, C6 cells
Species Specificity: human, rat	IHC : human kidney 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	IF/ICC : C6 cells,

Background Information

FAM164C, also named as ZC2HC1C or C14orf140, is a 456 amino acid protein, which contains one C2HC-type zinc finger and belongs to the ZC2HC1 family. FAM164C exists as two isoforms. The isoform1 is a 51kDa protein and isoform2 is 31kDa.

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

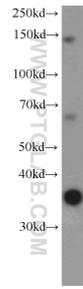
For technical support and original validation data for this product please contact:

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

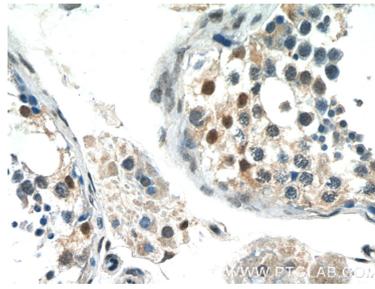
E: proteintech@ptglab.com
W: ptglab.com

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

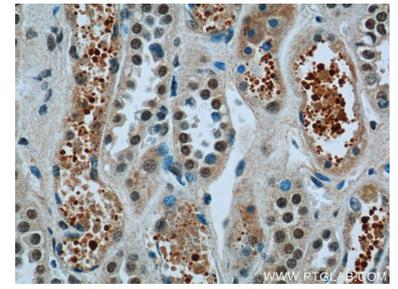
Selected Validation Data



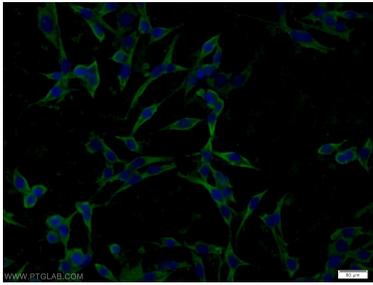
HeLa cells were subjected to SDS PAGE followed by western blot with 20520-1-AP (FAM164C Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 20520-1-AP (FAM164C Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 20520-1-AP (FAM164C Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of C6 cells using 20520-1-AP (FAM164C antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).