

For Research Use Only

# FAM96B Polyclonal antibody

Catalog Number: 20108-1-AP

Featured Product

10 Publications



## Basic Information

**Catalog Number:**

20108-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG13827

**GenBank Accession Number:**

BC001733

**GeneID (NCBI):**

51647

**UNIPROT ID:**

Q9Y3D0

**Full Name:**

family with sequence similarity 96, member B

**Calculated MW:**

163 aa, 18 kDa

**Observed MW:**

18 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Cited Applications:**

WB, ColP

**Species Specificity:**

human, mouse

**Cited Species:**

human

**Positive Controls:**

WB : HEK-293 cells, Ramos cells, HeLa cells, K-562 cells

IHC : mouse kidney tissue, mouse 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

FAM96B, also known as MIP18 or CIAO2B (Cytosolic iron-sulfur assembly component 2B), is a component of the cytosolic iron-sulfur protein assembly (CIA) complex involved in iron homeostasis and part of the MMXD complex contributed to proper chromosome segregation (PMID: 36503010). FAM96B may act as a scaffold protein to recruit CKB and the other components of the MMXD complex to associate with the spindle and mitotic apparatus and contributes to chromosome segregation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaorui Fan	35654137	J Biol Chem	WB
Laura Mariotti	32576938	Commun Biol	WB
Adarsh K Mayank	31229404	Mol Cell	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

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

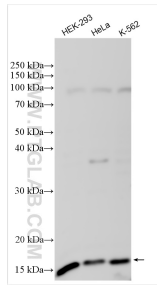
T: 4006900926

E: Proteintech-CN@ptglab.com

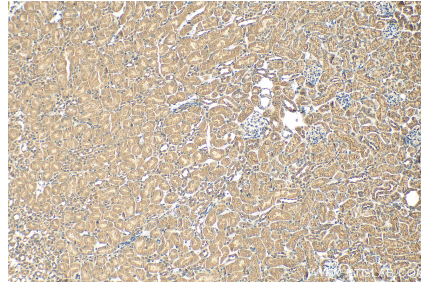
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20108-1-AP (FAM96B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 20108-1-AP (FAM96B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).