

For Research Use Only

# BBS6 Polyclonal antibody

Catalog Number: 13078-1-AP

1 Publications



## Basic Information

### Catalog Number:

13078-1-AP

### Size:

153 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3785

### GenBank Accession Number:

BC028973

### GeneID (NCBI):

8195

### UNIPROT ID:

Q9NPJ1

### Full Name:

McKusick-Kaufman syndrome

### Calculated MW:

62 kDa

### Observed MW:

63 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : mouse testis tissue, mouse brain tissue

IHC : mouse testis tissue,

IF/ICC : hTERT-RPE1 cells,

## Background Information

MKKS also known as BBS6 is a probable chaperone given to the amino acid similarity to the chaperonin family of proteins and may play a role in protein processing in limb, cardiac and reproductive system development. The mutations in BBS6 have been linked to Bardet-Biedl syndrome (BBS) which is a genetically heterogeneous, autosomal recessive disorder characterized by usually severe pigmentary retinopathy, early onset obesity, polydactyly, hypogenitalism, renal malformation and mental retardation. It may also get involved in cellular organization processes, in particular relating to ciliary/flagellar and centrosomal activities.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiuwei Wang	38285286	Mol Neurobiol	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:

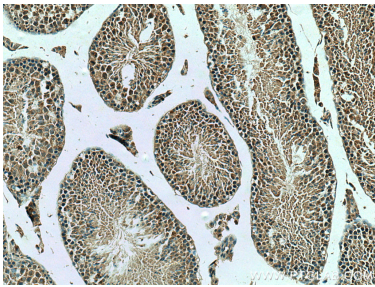
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

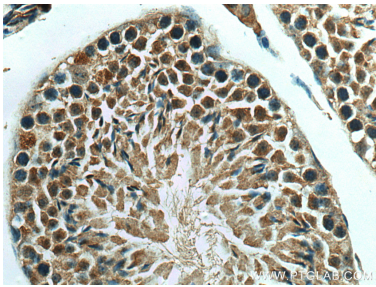
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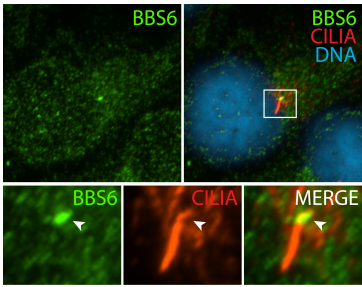
Selected Validation Data



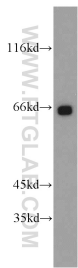
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13078-1-AP (BBS6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13078-1-AP (BBS6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IF result (cytoplasm and the base of cilia stain) of anti-BBS6 (13078-1-AP; 1:50) with hTERT-RPE1 cell (MeOH fixed) by Dr. Moshe Kim.



mouse testis tissue were subjected to SDS PAGE followed by western blot with 13078-1-AP (BBS6 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.