

For Research Use Only

BBS6 Polyclonal antibody

Catalog Number: 13078-1-AP

1 Publications



Basic Information

Catalog Number: 13078-1-AP	GenBank Accession Number: BC028973	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 153 ug/ml by Nanodrop and 153 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8195	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500 IF/ICC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9NPJ1	
Isotype: IgG	Full Name: McKusick-Kaufman syndrome	
Immunogen Catalog Number: AG3785	Calculated MW: 62 kDa	
	Observed MW: 63 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse testis tissue, mouse brain tissue
Species Specificity: human, mouse, rat	IHC : mouse testis tissue,
Cited Species: mouse	IF/ICC : hTERT-RPE1 cells,
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

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

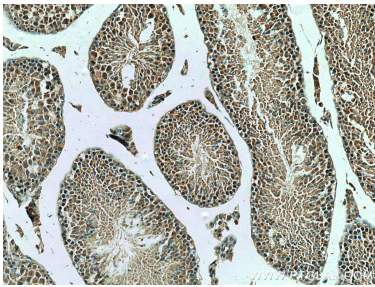
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

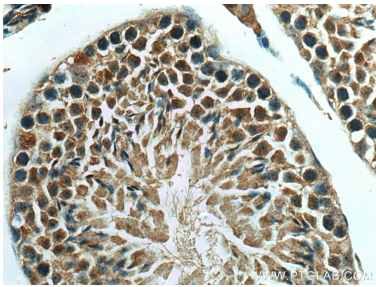
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

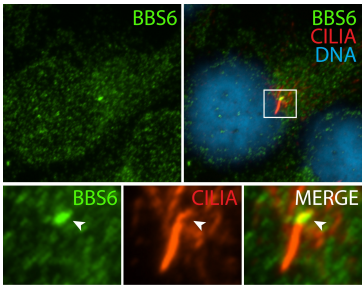
Selected Validation Data



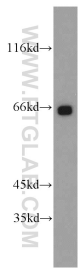
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13078-1-AP (BBS6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.