

For Research Use Only

BBS7 Polyclonal antibody

Catalog Number: 18961-1-AP

9 Publications



Basic Information

Catalog Number:

18961-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 453 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4601

GenBank Accession Number:

BC032691

GeneID (NCBI):

55212

UNIPROT ID:

Q8IWZ6

Full Name:

Bardet-Biedl syndrome 7

Calculated MW:

715 aa, 80 kDa

Observed MW:

75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : human brain tissue,

IP : mouse testis tissue,

IHC : human testis tissue, human brain 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

BBS7, also named as BBS2L1, is a component of the BBSome complex which is required for ciliogenesis but is dispensable for centriolar satellite function. BBS7 is mediated in part by the Rab8 GDP/GTP exchange factor, which localizes to the basal body and contacts the BBSome.

Notable Publications

Author	Pubmed ID	Journal	Application
Ying Hsu	29049287	PLoS Genet	WB
Poppy Datta	31694913	J Biol Chem	WB,IP
Satyabrata Sinha	24854858	Invest Ophthalmol Vis Sci	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

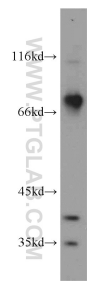
For technical support and original validation data for this product please contact:

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

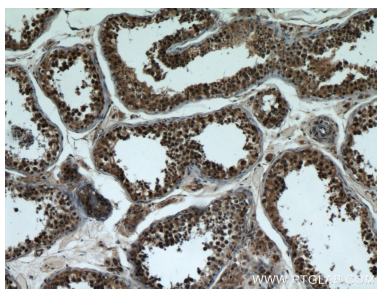
E: proteintech@ptglab.com
W: ptglab.com

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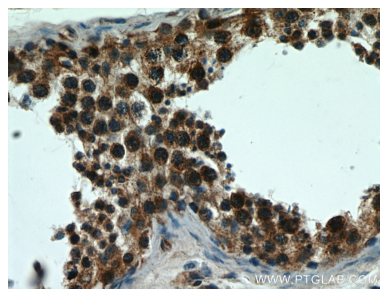
Selected Validation Data



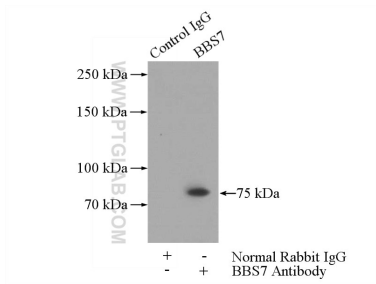
human brain tissue were subjected to SDS PAGE followed by western blot with 18961-1-AP (BBS7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 18961-1-AP (BBS7 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 18961-1-AP (BBS7 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-BBS7 (IP:18961-1-AP, 4ug; Detection:18961-1-AP 1:500) with mouse testis tissue lysate 4000ug.