

For Research Use Only

BBS5 Polyclonal antibody, PBS Only

Catalog Number: 14569-1-PBS

Featured Product



Basic Information

Catalog Number:

14569-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6153

GenBank Accession Number:

BC044593

GeneID (NCBI):

129880

UNIPROT ID:

Q8N3I7

Full Name:

Bardet-Biedl syndrome 5

Calculated MW:

39 kDa

Observed MW:

39 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

BBS5 encodes a protein that has been directly linked to Bardet-Biedl syndrome. Bardet-Biedl syndrome (BBS) is an autosomal recessive condition characterised by rod-cone dystrophy, postaxial polydactyly, central obesity, mental retardation, hypogonadism, and renal dysfunction. Other associated clinical findings in BBS patients include diabetes, hypertension and congenital heart defects. BBS expression varies both within and between families and diagnosis is often difficult. Experimentation in non-human eukaryotes suggests that BBS5 is expressed in ciliated cells and that it is required for the formation of cilia. Alternate transcriptional splice variants have been observed but have not been fully characterized.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

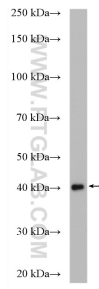
For technical support and original validation data for this product please contact:

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

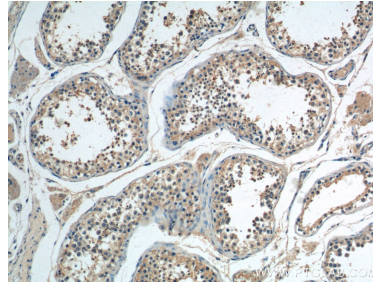
E: proteintech@ptglab.com
W: ptglab.com

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

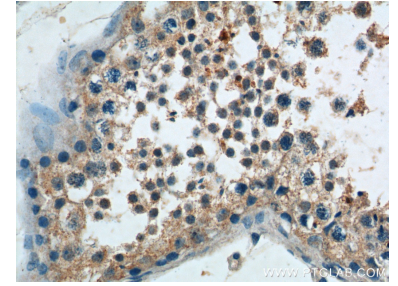
Selected Validation Data



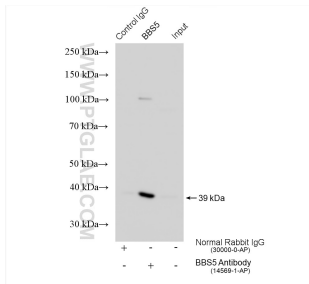
mouse retina tissue were subjected to SDS PAGE followed by western blot with 14569-1-AP (BBS5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14569-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14569-1-AP (BBS5 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 14569-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14569-1-AP (BBS5 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 14569-1-PBS in a different storage buffer formulation.



IP result of anti-BBS5 (IP:14569-1-AP, 4ug; Detection:14569-1-AP 1:1500) with mouse testis tissue lysate 1120 ug. This data was developed using the same antibody clone with 14569-1-PBS in a different storage buffer formulation.