

For Research Use Only

BBS5 Recombinant antibody

Catalog Number: 83722-1-RR



Basic Information

Catalog Number:

83722-1-RR

Size:

100ul, Concentration: 250 ug/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:

Protein A purification

CloneNo.:

240674B5

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse retina tissue, mouse eye tissue, mouse kidney tissue, mouse testis tissue, rat testis tissue

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 -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

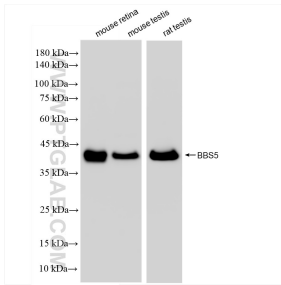
For technical support and original validation data for this product please contact:

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

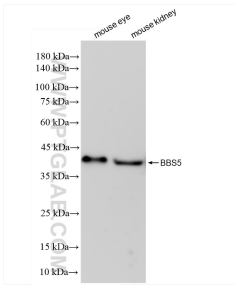
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83722-1-RR (BBS5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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