For Research Use Only

BBS8 Polyclonal antibody

Catalog Number:12505-1-AP

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Basic Information

Catalog Number:
12505-1-AP

Size:
150ul , Concentration: 353 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3186

GenBank Accession Number:
BC026351

GeneID (NCBI):
123016

Full Name:
tetratricopeptide repeat domain 8

Calculated MW:
531 aa, 60 kDa

Observed MW:
50-52 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

Applications

Tested Applications:
IP, WB,ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse testis tissue, human lung tissue, NIH/3T3 cells

IP : HeLa cells,

Background Information

BBS8 (also known as TTC8) is a subunit of BBSome complex which is necessary for ciliary membrane biogenesis. BBS8 localizes specifically to ciliated structures, such as the connecting cilium of the retina and columnar epithelial cells in the lung. Defects in BBS8 cause Bardet-Biedl syndrome type 8 (BBS8), an genetic disorder characterised by retinal degeneration, obesity, polydactyly, cognitive impairment and kidney failure. BBS8 generates two alternatively spliced isoforms. Western blot analysis using this antibody detected a major band around 60 kD in lung tissue.

Storage

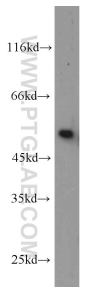
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

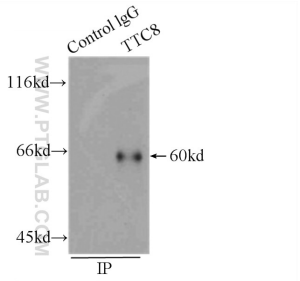
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 12505-1-AP (BBS8 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-BBS8 (IP:12505-1-AP, 3ug; Detection:12505-1-AP 1:400) with HeLa cells lysate 2000ug.