For Research Use Only

RPS26 Polyclonal antibody

Catalog Number:14909-1-AP Featured Product 18 Publications

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Basic Information

Catalog Number:
14909-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6706

GenBank Accession Number:
BC002604

GeneID (NCBI):
6231

UNIPROT ID:
P62854

Full Name:
ribosomal protein S26

Calculated MW:
13 kDa

Observed MW:
18-21 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:2000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:20-1:200
IF/ICC: 1:20-1:200

Applications

Tested Applications:
WB, IHC, IF/ICC, IP, ELISA

Cited Applications:
WB, IHC, IP, PLA

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse ovary tissue, mouse lung tissue

IP : mouse lung tissue,

IHC : human breast cancer tissue, human kidney tissue

IF/ICC : MCF-7 cells,

Background Information

Diamond-Blackfan anemia (DBA) is a congenital red cell aplasia that is usually diagnosed during early infancy, and strikingly, in addition to defects in red cell maturation the disorder is associated with various physical anomalies in about 40% of patients. To date, heterozygous mutations in nine RP genes have been conclusively associated with DBA, and RPS26 is one of them. There are nine mutation found in RPS26 from DBA patients.

Notable Publications

Author	Pubmed ID	Journal	Application
Max Koppers	31746735	Elife	WB, PLA
Xiao-Man Liu	30451825	Cell Death Dis	WB
Yanqin Yu	28232668	Nat Commun	

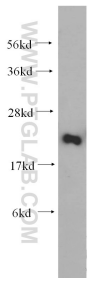
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

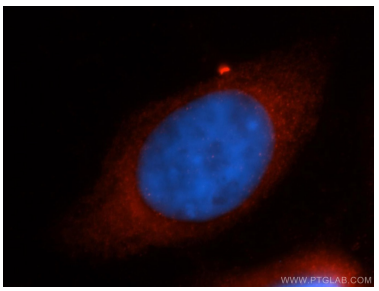
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

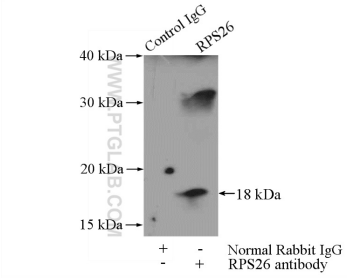
Selected Validation Data



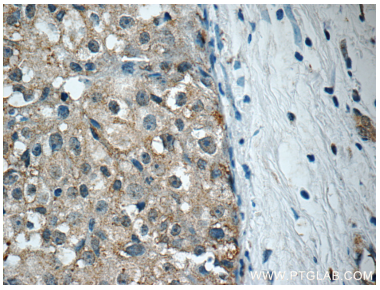
mouse ovary tissue were subjected to SDS PAGE followed by western blot with 14909-1-AP (RPS26 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



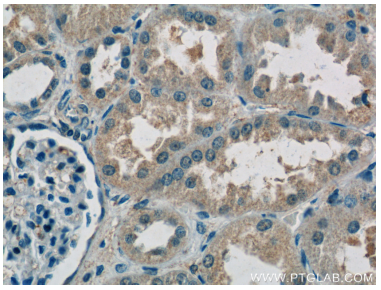
Immunofluorescent analysis of MCF-7 cells, using RPS26 antibody 14909-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP result of anti-RPS26 (IP:14909-1-AP, 4ug; Detection:14909-1-AP 1:500) with mouse lung tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14909-1-AP (RPS26 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 14909-1-AP (RPS26 Antibody) at dilution of 1:50 (under 40x lens).