

For Research Use Only

PRPF8 Polyclonal antibody

Catalog Number: 11171-1-AP

11 Publications



Basic Information

Catalog Number:

11171-1-AP

Concentration:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1652

GenBank Accession Number:

BC064370

GeneID (NCBI):

10594

UNIPROT ID:

Q6P2Q9

Full Name:

PRP8 pre-mRNA processing factor 8 homolog (S. cerevisiae)

Calculated MW:

274 kDa

Observed MW:

220 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IF, IP, ColP, RIP

Species Specificity:

human, mouse

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: Jurkat cells, K-562 cells, HeLa cells, human placenta tissue

IP: HeLa cells,

IHC: mouse brain tissue, human stomach cancer tissue

Background Information

PRPF8, a 220kd protein, is a component of mammalian spliceosomes, large multiprotein complexes involved in the removal of introns from mRNA precursor. It has a central structural role in the architecture of the U5 small nuclear ribonucleoprotein (snRNP) particle.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhe Chen	28878014	J Biol Chem	IP
Adam S Adler	24788092	Genes Dev	WB
Shuai Hou	31216022	Nucleic Acids Res	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

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

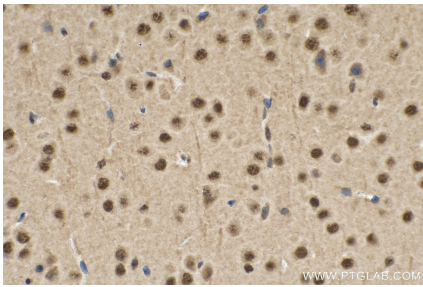
T: 4006900926

E: Proteintech-CN@ptglab.com

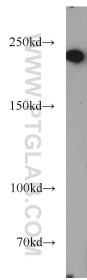
W: ptgcn.com

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

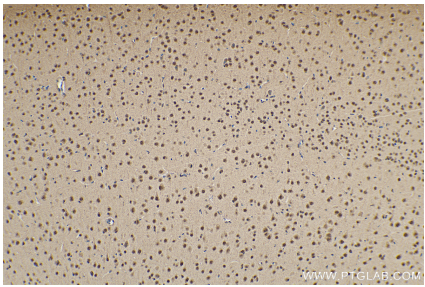
Selected Validation Data



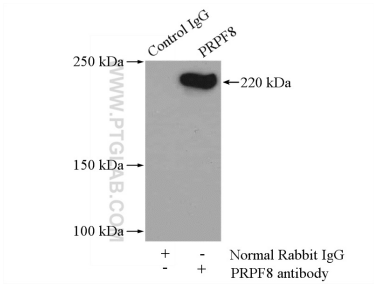
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11171-1-AP (PRPF8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



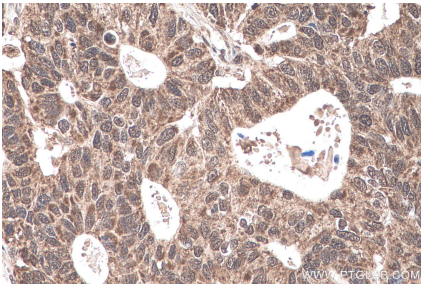
Jurkat cells were subjected to SDS PAGE followed by western blot with 11171-1-AP (PRPF8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11171-1-AP (PRPF8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-PRPF8 (IP:11171-1-AP, 4ug; Detection:11171-1-AP 1:500) with HeLa cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 11171-1-AP (PRPF8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).