

PRP19 Rabbit mAb

Catalog No.: A9660 **Recombinant**

Basic Information

Observed MW

55kDa

Calculated MW

55kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1685

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Contact

 | www.abclonal.com

Background

Enables identical protein binding activity and ubiquitin-ubiquitin ligase activity. Involved in several processes, including DNA damage checkpoint signaling; cellular protein metabolic process; and mRNA splicing, via spliceosome. Acts upstream of or within protein polyubiquitination. Located in cytoplasm; nuclear speck; and site of double-strand break. Part of Prp19 complex and U2-type catalytic step 2 spliceosome. Colocalizes with DNA replication factor A complex.

Immunogen Information

Gene ID	Swiss Prot
27339	Q9UMS4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 400-504 of human PRPF19(Q9UMS4).

Synonyms

PSO4; SNEV; PRP19; UBOX4; hPSO4; NMP200

Product Information

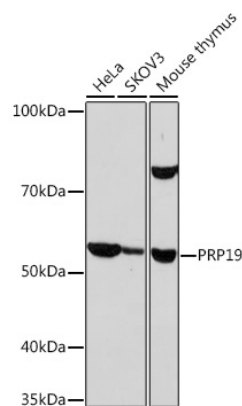
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

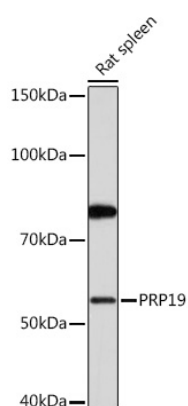
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

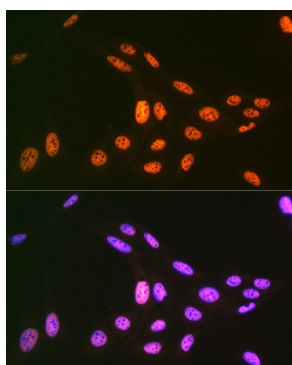
Validation Data



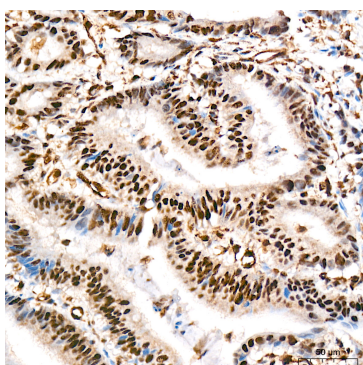
Western blot analysis of various lysates using PRP19 Rabbit mAb (A9660) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



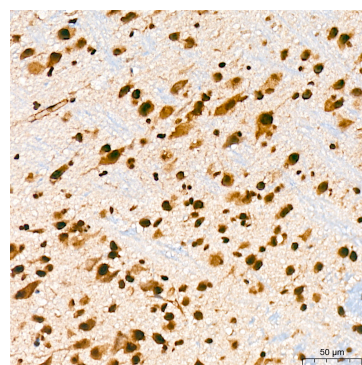
Western blot analysis of lysates from Rat spleen, using PRP19 Rabbit mAb (A9660) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



Immunofluorescence analysis of U-2 OS cells using PRP19 Rabbit mAb (A9660) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

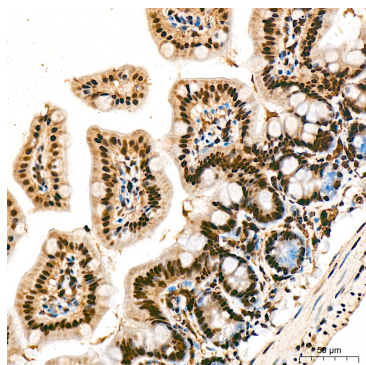


Immunohistochemistry analysis of PRP19 in paraffin-embedded human colon carcinoma tissue using PRP19 Rabbit mAb (A9660) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

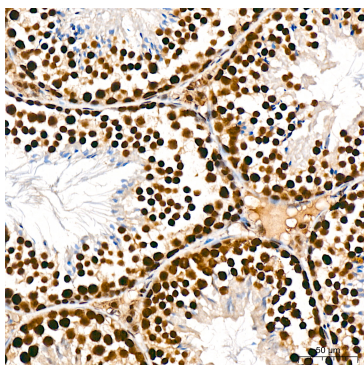


Immunohistochemistry analysis of PRP19 in paraffin-embedded mouse brain tissue using PRP19 Rabbit mAb (A9660) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

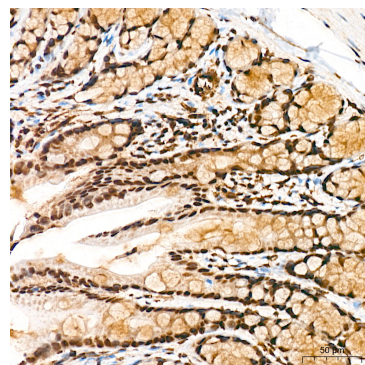
Validation Data



Immunohistochemistry analysis of PRP19 in paraffin-embedded mouse intestine tissue using PRP19 Rabbit mAb (A9660) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of PRP19 in paraffin-embedded mouse testis tissue using PRP19 Rabbit mAb (A9660) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of PRP19 in paraffin-embedded rat colon tissue using PRP19 Rabbit mAb (A9660) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.