

# 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

## 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.

## Recommended Dilutions

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

## Immunogen Information

**Gene ID**

27339

**Swiss Prot**

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

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

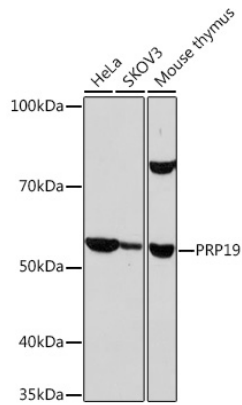
Affinity purification

**Storage**

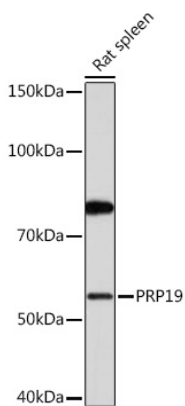
Store at -20°C. Avoid freeze / thaw cycles.

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

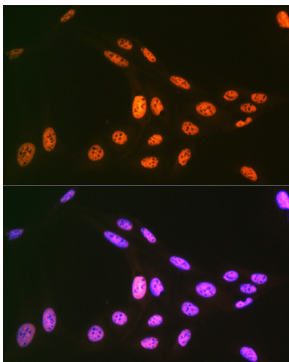
## Validation Data



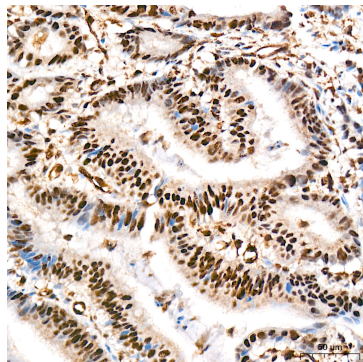
Western blot analysis of various lysates using PRP19 Rabbit mAb (A9660) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: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



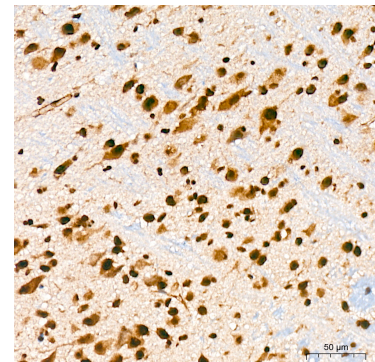
Western blot analysis of lysates from Rat spleen, using PRP19 Rabbit mAb (A9660) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure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



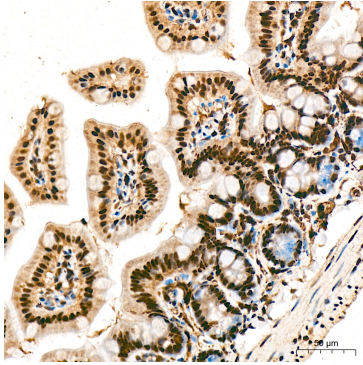
Immunohistochemistry analysis of PRP19 in paraffin-embedded human colon carcinoma tissue using PRP19 Rabbit mAb (A9660) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



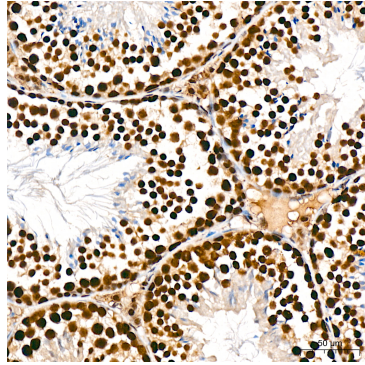
Immunohistochemistry analysis of PRP19 in paraffin-embedded mouse brain tissue using PRP19 Rabbit mAb (A9660) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

## Validation Data

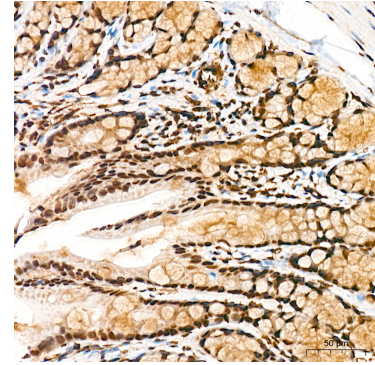
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Immunohistochemistry analysis of PRP19 in paraffin-embedded mouse intestine tissue using PRP19 Rabbit mAb (A9660) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



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.