

Anti-PRPF19 antibody (400-504) [S0MR] (STJ11102520)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

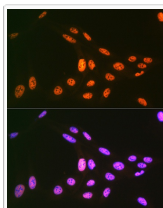
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 55kDa Observed Mw: 55kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

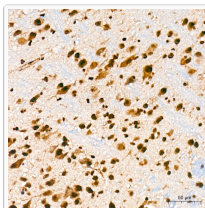
Gene ID	27339
Gene Symbol	PRPF19
UniProt ID	PRP19_HUMAN
Immunogen Region	400-504
Immunogen Sequence	FSENGYYLATAADDSSVKLW DLRKLKNFKTLQLDNNFEVK SLIFDQSGTYLALGGTDVQI YICKQWTEILHFTEHSGLTG GVAFGHHAKFIASGTGMDRSL KFYSL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 400-504 of human PRPF19 (Q9UMS4).

ADDITIONAL INFORMATION

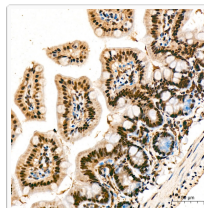
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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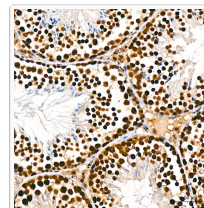
Western blot analysis of various lysates using PRP19 Rabbit mAb (STJ11102520) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 10s.



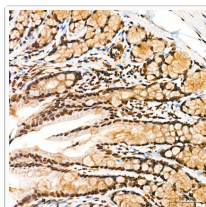
Western blot analysis of lysates from Rat spleen, using PRP19 Rabbit mAb (STJ11102520) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 3min.



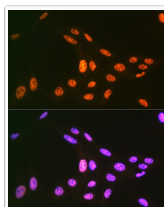
Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using PRP19 Rabbit mAb (STJ11102520) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



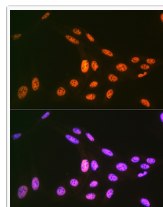
Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using PRP19 Rabbit mAb (STJ11102520) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



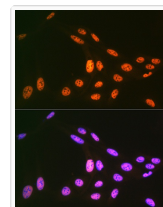
Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using PRP19 Rabbit mAb (STJ11102520) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



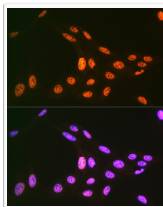
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using PRP19 Rabbit mAb (STJ11102520) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



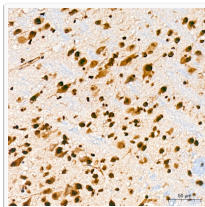
Western blot analysis of various lysates using PRP19 Rabbit mAb (STJ11102520) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 10s.



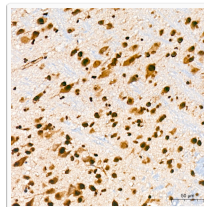
Immunohistochemistry analysis of PRP19 in paraffin-embedded human colon carcinoma tissue using PRP19 Rabbit mAb (STJ11102520) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



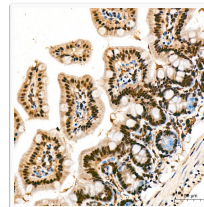
Immunofluorescence analysis of U-2 OS cells using PRP19 Rabbit mAb (STJ11102520) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



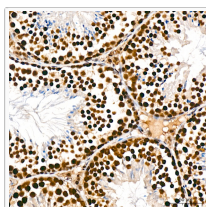
Western blot analysis of lysates from Rat spleen, using PRP19 Rabbit mAb (STJ11102520) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 3min.



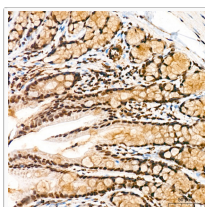
Immunohistochemistry analysis of PRP19 in paraffin-embedded mouse brain tissue using PRP19 Rabbit mAb (STJ11102520) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of PRP19 in paraffin-embedded mouse intestin tissue using PRP19 Rabbit mAb (STJ11102520) 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 immunohistochemistry staining.



Immunohistochemistry analysis of PRP19 in paraffin-embedded mouse testis tissue using PRP19 Rabbit mAb (STJ11102520) 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 immunohistochemistry staining.



Immunohistochemistry analysis of PRP19 in paraffin-embedded rat colon tissue using PRP19 Rabbit mAb (STJ11102520) 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 immunohistochemistry staining.