

Rabbit PRPF19 Polyclonal Antibody | anti-PRPF19 antibody

PRPF19 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199232	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

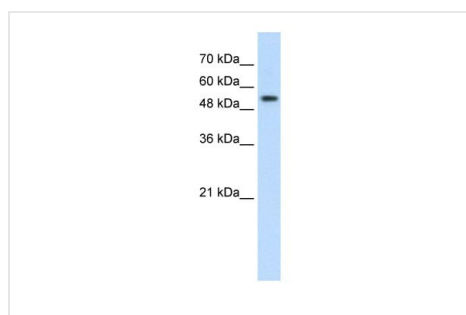
PRODUCT SYNONYMS

PRPF19; Polyclonal Antibody; PRPF19 antibody - middle region; anti-PRPF19 antibody

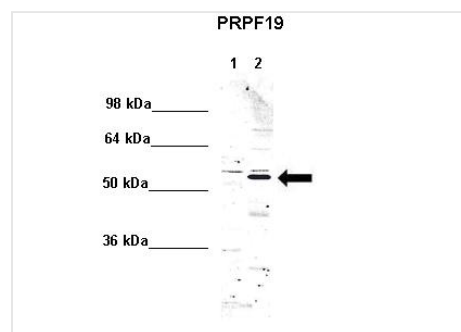
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PS VVGAGEPMDL GELVGMTPEI IQKLQDKATV LTTERKKRGK TVPEELVK
Sequence Length	504
Applicable Applications for anti-PRPF19 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRPF19
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

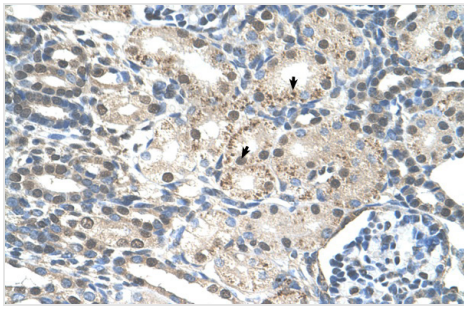
IMAGES


WB (Western Blot)

WB Suggested Anti-PRPF19 Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate


WB (Western Blot)

WB Suggested Anti-PRPF19 Antibody Positive Control: Lane 1: 5ug mouse brain cytoplasm
Lane 2: 5ug mouse brain nucleus Primary Antibody Dilution : 1:1000 Secondary Antibody :
Anti rabbit - IR-dye Secondary Antibody Dilution : 1:10,000 Submitted by: Anonymous



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-PRPF19 antibody	This is a rabbit polyclonal antibody against PRPF19. It was validated on Western Blot and immunohistochemistry Target Description: PRPF19 plays a role in DNA double-strand break (DSB) repair and pre-mRNA splicing reaction. It binds double-stranded DNA in a sequence-nonspecific manner. PRPF19 acts as a structural component of the nuclear framework. It may also serve as a support for spliceosome binding and activity. It is essential for spliceosome assembly in a oligomerization-dependent manner and might also be important for spliceosome stability. It also may have E3 ubiquitin ligase activity. The PSO4 complex is required in the DNA interstrand cross-links (ICLs) repair process. Overexpression of PRPF19 might extend the cellular life span by increasing the resistance to stress or by improving the DNA repair capacity of the cells. In <i>S. cerevisiae</i>, Pso4 has pleiotropic functions in DNA recombination and in error-prone nonhomologous end-joining DNA repair. [supplied by OMIM].
Product Categories/Family for anti-PRPF19 antibody	Polyclonal; Chromatin & Nuclear Signaling; DNA Damage & Repair; E3 & Ubiquitin; DNA/RNA/Protein Interactions; Immunohistochemistry; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657381
NCBI GeneID	27339
NCBI Accession #	NP_055317
NCBI GenBank Nucleotide #	NM_014502
UniProt Accession #	Q9UMS4
Molecular Weight	55kDa
NCBI Official Full Name	pre-mRNA-processing factor 19
NCBI Official Synonym Full Names	pre-mRNA processing factor 19
NCBI Official Symbol	PRPF19
NCBI Official Synonym Symbols	PSO4; SNEV; PRP19; UBOX4; hPSO4; NMP200
NCBI Protein Information	pre-mRNA-processing factor 19
UniProt Protein Name	Pre-mRNA-processing factor 19
UniProt Gene Name	PRPF19
UniProt Synonym Gene Names	NMP200; PRP19; SNEV; hPso4
UniProt Entry Name	PRP19_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.