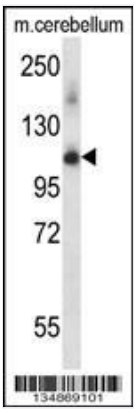
PRPF4B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Prpf4b, Polyclonal Antibody
Full Product Name	Prpf4b, NT (Prpf4b, Prp4h, Cbp143, Prp4k, Prp4m, Prpk, Serine/threonine-protein kinase PRP4 homolog, PRP4 pre-mRNA-processing factor 4 homolog, Pre-mRNA protein kinase) (FITC)
Product Gene Name	anti-Prpf4b antibody
Product Synonym Names	Prpf4b; Prp4h; Cbp143; Prp4k; Prp4m; Prpk; Serine/threonine-protein kinase PRP4 homolog; PRP4 pre-mRNA-processing factor 4 homolog; Pre-mRNA protein kinase
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	116,976 Da
3D Structure	ModBase 3D Structure for Q61136
Immunogen	Mouse Prpf4b antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 179-207 amino acids from the N-terminal region of Mouse Prpf4b.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-Prpf4b antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-Prpf4b antibody	Western Blot (WB), FLISA
Application Notes for anti-Prpf4b antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-Prpf4b antibody	MBS6337658 is an antibody targeting Prpf4b. Also known as Prpf4b, NT (Prpf4b, Prp4h, Cbp143, Prp4k, Prp4m, Prpk, Serine/threonine-protein kinase PRP4 homolog, PRP4 pre-mRNA-processing factor 4 homolog, Pre-mRNA protein kinase) (FITC). Reactive in Mouse. Host: Rabbit. Prpf4b has a role in pre-mRNA splicing. Phosphorylates SF2/ASF.
Product References and Citations for anti-Prpf4b antibody	Hoffman, B.G., et al. Genome Biol. 9 (6), R99 (2008): Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005). Cobellis, G., et al. Nucleic Acids Res. 33 (4), E44 (2005): Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003). Stryke, D., et al. Nucleic Acids Res. 31(1):278-281(2003).

Other Notes	Small volumes of anti-Prpf4b antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-Prpf4b antibody
Mouse Prpf4b Antibody (N-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the Prpf4b antibody detected the Prpf4b protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Prpf4b. It may not necessarily be applicable to this product.

NCBI GI #	158854005
NCBI GeneID	19134
NCBI Accession #	NP_038858.2
UniProt Primary Accession #	Q61136
UniProt Secondary Accession #	O88378; Q8BND8; Q8R4Y5; Q9CTL9; Q9CTT0; B2RUN6
UniProt Related Accession #	Q61136
GenBank Nucleotide #	NM_013830.2
NCBI Official Full Name	serine/threonine-protein kinase PRP4 homolog
NCBI Official Synonym Full Names	PRP4 pre-mRNA processing factor 4 homolog B (yeast)
NCBI Official Symbol	Prpf4b
NCBI Official Synonym Symbols	Prp4; Prpk; Prp4k; cbp143; 2610037H07
UniProt Protein Name	Serine/threonine-protein kinase PRP4 homolog
UniProt Synonym Protein Names	PRP4 pre-mRNA-processing factor 4 homolog; Pre-mRNA protein kinase
Protein Family	Serine/threonine-protein kinase
UniProt Gene Name	Prpf4b
UniProt Synonym Gene Names	Cbp143; Prp4h; Prp4k; Prp4m; Prpk
UniProt Entry Name	PRP4B_MOUSE
NCBI Protein Information	serine/threonine-protein kinase PRP4 homolog; pre-mRNA protein kinase; PRP4 pre-mRNA-processing factor 4 homolog
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