PPWD1 Antibody (Center) Blocking Peptide

PRODUCT OVERVIEW

Product Name	PPWD1, Blocking Peptide
Full Product Name	PPWD1 Antibody (Center) Blocking Peptide
Product Gene Name	PPWD1 blocking peptide
Product Synonym Gene Name	KIAA0073
Product Synonym Names	Peptidylprolyl isomerase domain and WD repeat-containing protein 1; Spliceosome-associated cyclophilin; PPWD1; KIAA0073
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	PPWD1 peptide (MBS9222841) is used for blocking the activity of PPWD1 antibody (MBS9207215)
Molecular Weight	55,700 Da
Cellular Location	Nucleus. Note: Associated with spliceosomal complexes
Related Product Information for PPWD1 blocking peptide	Putative peptidylprolyl isomerase (PPIase). PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. May be involved in pre-mRNA splicing.
Other Notes	Small volumes of PPWD1 blocking peptide 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.
Searchable Terms for PPWD1 purchase	MBS9222841 is a blocking peptide targeting PPWD1. Also known as PPWD1 Antibody (Center) Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPWD1. It may not necessarily be applicable to this product.

NCBI GI #	74760739
NCBI GeneID	23398
NCBI Accession #	Q96BP3.1
UniProt Primary Accession #	Q96BP3
UniProt Secondary Accession #	Q15002; Q7KZ89; B4DWR9
UniProt Related Accession #	Q96BP3
NCBI Official Full Name	Peptidylprolyl isomerase domain and WD repeat-containing protein 1
NCBI Official Synonym Full Names	peptidylprolyl isomerase domain and WD repeat containing 1
NCBI Official Symbol	PPWD1
UniProt Protein Name	Peptidylprolyl isomerase domain and WD repeat-containing protein 1
UniProt Synonym Protein Names	Spliceosome-associated cyclophilin
Protein Family	Peptidylprolyl isomerase domain and WD repeat-containing protein
UniProt Gene Name	PPWD1

UniProt Synonym Gene Names	KIAA0073
UniProt Entry Name	PPWD1_HUMAN
NCBI Protein Information	peptidylprolyl isomerase domain and WD repeat-containing protein 1
UniProt Comments for PPWD1	PPWD1: Putative peptidylprolyl isomerase (PPIase). PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. May be involved in pre-mRNA splicing. Belongs to the cyclophilin-type PPIase family. PPIL1 subfamily. Protein type: EC 5.2.1.8; RNA splicing; Spliceosome; Isomerase Chromosomal Location of Human Ortholog: 5q12.3 Cellular Component: nucleus Molecular Function: peptidyl-prolyl cis-trans isomerase activity Biological Process: nuclear mRNA splicing, via spliceosome
Research Articles on PPWD1	**1.** The crystal structure of human PPWD1 was studied.
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