WDR33 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	WDR33, Blocking Peptide
Full Product Name	WDR33 Peptide - middle region
Product Gene Name	WDR33 blocking peptide
Product Synonym Gene Name	FLJ11294; WDC146; NET14
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	WDR33 peptide (MBS3232386) is used for blocking the activity of WDR33 antibody (MBS3207421)
Molecular Weight	30kDa
Product Categories/Family for WDR33 blocking peptide	Peptide
Applications Tested/Suitable for WDR33 blocking peptide	Western Blot (WB)
Related Product Information for WDR33 blocking peptide	This is a synthetic peptide designed for use in combination with anti-WDR33 antibody made Target Description: WDR33 is a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination.This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Other Notes	Small volumes of WDR33 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 WDR33 purchase	MBS3232386 is a blocking peptide targeting WDR33. Also known as WDR33 Peptide - middle region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WDR33. It may not necessarily be applicable to this product.

NCBI GI #	55743159
NCBI GeneID	55339
NCBI Accession #	NP_001006624
UniProt Primary Accession #	Q6NUQ0
UniProt Related Accession #	Q9C0J8
GenBank Nucleotide #	NM_001006623

NCBI Official Full Name	pre-mRNA 3' end processing protein WDR33 isoform 3
NCBI Official Synonym Full Names	WD repeat domain 33
NCBI Official Symbol	WDR33
NCBI Official Synonym Symbols	NET14; WDC146
UniProt Protein Name	Uncharacterized protein
Protein Family	pre-mRNA 3' end processing protein
UniProt Gene Name	WDR33
UniProt Entry Name	Q6NUQ0_HUMAN
NCBI Protein Information	pre-mRNA 3' end processing protein WDR33
NCBI Summary for WDR33	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Research Articles on WDR33	**1.** The authors define the molecular architecture of the core human CPSF complex comprising CPSF160, WDR33, CPSF30 and Fip1 and identify specific domains involved in inter-subunit interactions. Together, these results shed light on the function of CPSF in mediating polyA signal-dependent RNA cleavage and polyadenylation.
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