DEPDC1B Antibody (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	DEPDC1B, Blocking Peptide
Full Product Name	DEPDC1B Antibody (C-term) Blocking Peptide
Product Gene Name	DEPDC1B blocking peptide
Product Synonym Gene Name	XTP8
Product Synonym Names	DEP domain-containing protein 1B; HBV X-transactivated gene 8 protein; HBV XAg-transactivated protein 8; DEPDC1B; XTP8
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	DEPDC1B peptide (MBS9221602) is used for blocking the activity of DEPDC1B antibody (MBS9209978)
Molecular Weight	54,726 Da
OMIM	616066
Related Product Information for DEPDC1B blocking peptide	MBS9221602 is a blocking peptide targeting DEPDC1B. Also known as DEPDC1B Antibody (C-term) Blocking Peptide.
Other Notes	Small volumes of DEPDC1B 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DEPDC1B. It may not necessarily be applicable to this product.

NCBI GI #	223633997
NCBI GeneID	55789
NCBI Accession #	NP_001138680.1
UniProt Primary Accession #	Q8WUY9
UniProt Secondary Accession #	Q86WJ3; Q8IZY6; Q9NUN3; Q9NW57; A8K3R9; B4DUT4
UniProt Related Accession #	Q8WUY9
GenBank Nucleotide #	NM_001145208.1
NCBI Official Full Name	DEP domain-containing protein 1B isoform 2
NCBI Official Synonym Full Names	DEP domain containing 1B
NCBI Official Symbol	DEPDC1B
NCBI Official Synonym Symbols	XTP1; BRCC3
UniProt Protein Name	DEP domain-containing protein 1B
UniProt Synonym Protein Names	HBV X-transactivated gene 8 protein; HBV XAg-transactivated protein 8
Protein Family	DEP domain-containing protein

UniProt Gene Name	DEPDC1B
UniProt Synonym Gene Names	XTP8
UniProt Entry Name	DEP1B_HUMAN
NCBI Protein Information	DEP domain-containing protein 1B
UniProt Comments for DEPDC1B	DEPDC1B: 2 isoforms of the human protein are produced by alternative splicing. Protein type: GAPs; GAPs, Rac/Rho Chromosomal Location of Human Ortholog: 5q12.1 Cellular Component: cytosol Molecular Function: GTPase activator activity Biological Process: cell migration; positive regulation of Wnt receptor signaling pathway; regulation of small GTPase mediated signal transduction
Research Articles on DEPDC1B	**1.** Pitx2-mediated repression of Depdc1b expression contributes to the regulation of multiple molecular pathways, such as Rho GTPase signaling.
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