CDC14A Peptide-Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	CDC14A, Blocking Peptide
Full Product Name	CDC14A Peptide-middle region
Product Gene Name	CDC14A blocking peptide
Product Synonym Names	Cdc14; CDC14A2; CDC14a1; A830059A17Rik
Sequence	AEEYEHYERV ENGDFNWIVP GKFLAFSGPH PKSKIENGYP LHAPEAYFPY
Species Reactivity	Mouse
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	CDC14A peptide (MBS3249551) is used for blocking the activity of CDC14A antibody (MBS3249877)
Molecular Weight	60kDa
Quality Control	The peptide is characterized by mass spectroscopy
Protein Size	554 amino acids
Related Product Information for CDC14A blocking peptide	This is a synthetic peptide designed for use in combination with anti-CDC14A Antibody. It may block above mentioned antibody from binding to its target protein in western blot and/or immunohistochecmistry under proper experimental settings. Description of Target: Dual-specificity phosphatase. Required for centrosome separation and productive cytokinesis during cell division. Dephosphorylates SIRT2 around early anaphase. May dephosphorylate the APC subunit FZR1/CDH1, thereby promoting APC-FZR1 dependent degradation of mitotic cyclins and subsequent exit from mitosis (By similarity).
Other Notes	Small volumes of CDC14A 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 CDC14A purchase	MBS3249551 is a blocking peptide targeting CDC14A. Also known as CDC14A Peptide-middle region. Reactive in Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDC14A. It may not necessarily be applicable to this product.

NCBI GeneID	229776
NCBI Accession #	NM_001080818.2
UniProt Primary Accession #	QQT0
UniProt Related Accession #	NP_001074287.1
Protein Family	Dual specificity protein phosphatase

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