SYT7 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	SYT7, Blocking Peptide
Full Product Name	SYT7 Peptide - N-terminal region
Product Gene Name	SYT7 blocking peptide
Product Synonym Gene Name	IPCA-7; MGC150517; PCANAP7; SYT-VII
Sequence	TAPVPGQTPH DESDRRTEPR SSVSDLVNSL TSEMLMLSPG SEEDEAHEGC
Species Reactivity	Human
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	SYT7 peptide (MBS3241373) is used for blocking the activity of SYT7 antibody (MBS3216474)
Molecular Weight	45kDa
OMIM	604146
Product Categories/Family for SYT7 blocking peptide	Peptide
Applications Tested/Suitable for SYT7 blocking peptide	Western Blot (WB)
Related Product Information for SYT7 blocking peptide	This is a synthetic peptide designed for use in combination with anti-SYT7 Antibody, made Target Description: This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. A similar protein in rodents mediates hormone secretion and lysosome exocytosis. In humans, expression of this gene has been associated with prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Other Notes	Small volumes of SYT7 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 SYT7 purchase	MBS3241373 is a blocking peptide targeting SYT7. Also known as SYT7 Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SYT7. It may not necessarily be applicable to this product.

NCBI GI #	38570146
NCBI GeneID	9066
NCBI Accession #	NP_004191
UniProt Primary Accession #	O43581
UniProt Related Accession #	O43581
GenBank Nucleotide #	NM_004200

NCBI Official Full Name	synaptotagmin-7 isoform 2
NCBI Official Synonym Full Names	synaptotagmin 7
NCBI Official Symbol	SYT7
NCBI Official Synonym Symbols	IPCA7; IPCA-7; SYTVII; PCANAP7; SYT-VII
UniProt Protein Name	Synaptotagmin-7
UniProt Synonym Protein Names	IPCA-7; Prostate cancer-associated protein 7; Synaptotagmin VII
Protein Family	Synaptotagmin
UniProt Gene Name	SYT7
UniProt Synonym Gene Names	PCANAP7; SytVII
UniProt Entry Name	SYT7_HUMAN
NCBI Protein Information	synaptotagmin-7
NCBI Summary for SYT7	This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. A similar protein in rodents mediates hormone secretion and lysosome exocytosis. In humans, expression of this gene has been associated with prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]
Research Articles on SYT7	**1.** the downregulation of SYT7 inhibited glioblastoma growth by promoting cellular apoptosis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/human-blocking-peptide/syt7/3241373