SE6L2 Antibody (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	SE6L2 (SEZ6L2), Blocking Peptide
Full Product Name	SE6L2 Antibody (C-term) Blocking Peptide
Product Gene Name	SEZ6L2 blocking peptide
Product Synonym Gene Name	PSK
Product Synonym Names	Seizure 6-like protein 2; SEZ6L2; PSK
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	SE6L2 peptide (MBS9225433) is used for blocking the activity of SE6L2 antibody (MBS9210531)
Molecular Weight	86,861 Da
OMIM	616667
Cellular Location	Cell membrane; Single-pass type I membrane protein Endoplasmic reticulum membrane; Single-pass type I membrane protein. Note: Detected on cell surface of lung-cancer
Related Product Information for SEZ6L2 blocking peptide	MBS9225433 is a blocking peptide targeting SEZ6L2. Also known as SE6L2 Antibody (C-term) Blocking Peptide. May contribute to specialized endoplasmic reticulum functions in neurons.
Other Notes	Small volumes of SEZ6L2 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 SEZ6L2. It may not necessarily be applicable to this product.

NCBI GI #	334302856
NCBI GeneID	26470
NCBI Accession #	Q6UXD5.2
UniProt Primary Accession #	Q6UXD5
UniProt Secondary Accession #	Q9BW82; Q9UJ45; Q9UJ46; Q9UJ47; B7Z1N0; F5H293; H7BXQ6
UniProt Related Accession #	Q6UXD5
NCBI Official Full Name	Seizure 6-like protein 2
NCBI Official Synonym Full Names	seizure related 6 homolog like 2
NCBI Official Symbol	SEZ6L2
NCBI Official Synonym Symbols	BSRPA; PSK-1
UniProt Protein Name	Seizure 6-like protein 2
Protein Family	Seizure 6-like protein
UniProt Gene Name	SEZ6L2

UniProt Synonym Gene Names	PSK
UniProt Entry Name	SE6L2_HUMAN
NCBI Protein Information	seizure 6-like protein 2
NCBI Summary for SEZ6L2	This gene encodes a seizure-related protein that is localized on the cell surface. The gene is located in a region of chromosome 16p11.2 that is thought to contain candidate genes for autism spectrum disorders (ASD), though there is no evidence directly implicating this gene in ASD. Increased expression of this gene has been found in lung cancers, and the protein is therefore considered to be a novel prognostic marker for lung cancer. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011]
UniProt Comments for SEZ6L2	SEZ6L2: May contribute to specialized endoplasmic reticulum functions in neurons. Belongs to the SEZ6 family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 16p11.2
Research Articles on SEZ6L2	**1.** These results provide an extensive ascertainment of the genetic variability of SEZ6L2 in human populations and do not support a major role for SEZ6L2 sequence variations in the susceptibility to autism spectrum disorders.
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