SIAH3 Antibody (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	SIAH3, Blocking Peptide
Full Product Name	SIAH3 Antibody (C-term) Blocking peptide
Product Gene Name	SIAH3 blocking peptide
Product Synonym Names	Seven in absentia homolog 3; Siah-3; SIAH3
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	SIAH3 peptide (MBS9217976) is used for blocking the activity of SIAH3 antibody (MBS9206291)
Molecular Weight	30,660 Da
OMIM	615609
Cellular Location	Mitochondrion.
Related Product Information for SIAH3 blocking peptide	Negative regulator of PARK2 translocation to damaged mitochondria. Acts probably by destabilizing PINK1 protein, hence inhibiting PARK2 targeting to dysfunctional depolarized mitochondria.
Other Notes	Small volumes of SIAH3 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 SIAH3 purchase	MBS9217976 is a blocking peptide targeting SIAH3. Also known as SIAH3 Antibody (C-term) Blocking peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SIAH3. It may not necessarily be applicable to this product.

NCBI GI #	189046787
NCBI GeneID	283514
NCBI Accession #	Q8IW03.3
UniProt Primary Accession #	Q8IW03
UniProt Secondary Accession #	Q8N8M6; B7ZBP0
UniProt Related Accession #	Q8IW03
NCBI Official Full Name	Seven in absentia homolog 3
NCBI Official Synonym Full Names	siah E3 ubiquitin protein ligase family member 3
NCBI Official Symbol	SIAH3
UniProt Protein Name	Seven in absentia homolog 3
Protein Family	Seven in absentia
UniProt Gene Name	SIAH3
UniProt Synonym Gene Names	Siah-3
UniProt Entry Name	SIAH3_HUMAN

NCBI Protein Information	seven in absentia homolog 3
UniProt Comments for SIAH3	SIAH3: Belongs to the SINA (Seven in absentia) family. Chromosomal Location of Human Ortholog: 13q14.13 Cellular Component: cytoplasm; mitochondrion; nucleus Biological Process: apoptosis; proteasomal ubiquitin-dependent protein catabolic process; protein ubiquitination during ubiquitin-dependent protein catabolic process; regulation of protein stability
Research Articles on SIAH3	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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