SHISA5 Antibody (Center) Blocking Peptide

PRODUCT OVERVIEW

Product Name	SHISA5, Blocking Peptide
Full Product Name	SHISA5 Antibody (Center) Blocking Peptide
Product Gene Name	SHISA5 blocking peptide
Product Synonym Gene Name	SCOTIN
Product Synonym Names	Protein shisa-5; Putative NF-kappa-B-activating protein 120; Scotin; SHISA5; SCOTIN
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	SHISA5 peptide (MBS9222755) is used for blocking the activity of SHISA5 antibody (MBS9203417)
Molecular Weight	24,855 Da
OMIM	607290
Cellular Location	Endoplasmic reticulum membrane; Single-pass type I membrane protein. Nucleus membrane
Related Product Information for SHISA5 blocking peptide	Can induce apoptosis in a caspase-dependent manner and plays a role in p53/TP53-dependent apoptosis.
Other Notes	Small volumes of SHISA5 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 SHISA5 purchase	MBS9222755 is a blocking peptide targeting SHISA5. Also known as SHISA5 Antibody (Center) Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SHISA5. It may not necessarily be applicable to this product.

NCBI GI #	74714697
NCBI GeneID	51246
NCBI Accession #	Q8N114.1
UniProt Primary Accession #	Q8N114
UniProt Secondary Accession #	Q69YY9; Q7Z433; Q8NHL9; Q96MW8; Q9BV58; B3KW99; F8W9N8
UniProt Related Accession #	Q8N114
NCBI Official Full Name	Protein shisa-5
NCBI Official Synonym Full Names	shisa family member 5
NCBI Official Symbol	SHISA5
NCBI Official Synonym Symbols	SCOTIN
UniProt Protein Name	Protein shisa-5
UniProt Synonym Protein Names	Putative NF-kappa-B-activating protein 120; Scotin
Protein Family	Protein shisa

UniProt Gene Name	SHISA5
UniProt Synonym Gene Names	SCOTIN
UniProt Entry Name	SHSA5_HUMAN
NCBI Protein Information	protein shisa-5
NCBI Summary for SHISA5	This gene encodes a member of the shisa family. The encoded protein is localized to the endoplasmic reticulum, and together with p53 induces apoptosis in a caspase-dependent manner. Alternative splicing results in multiple transcript variants. Related pseudogenes of this gene are found on chromosome X. [provided by RefSeq, Apr 2016]
UniProt Comments for SHISA5	SCOTIN: Can induce apoptosis in a caspase-dependent manner and plays a role in p53/TP53-dependent apoptosis. Belongs to the shisa family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Apoptosis; Membrane protein, integral Chromosomal Location of Human Ortholog: 3p21.31 Molecular Function: protein binding; signal transducer activity Biological Process: positive regulation of I-kappaB kinase/NF-kappaB cascade
Research Articles on SHISA5	**1.** IFN-beta-induced SCOTIN recruits the HCV NS5A protein to autophagosomes for degradation, thereby restricting HCV replication.
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