

LASS6 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17693b**Specification**

LASS6 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q6ZMG9](#)**LASS6 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 253782

Other Names

Ceramide synthase 6, CerS6, LAG1 longevity assurance homolog 6, CERS6, LASS6

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LASS6 Antibody (C-term) Blocking Peptide - Protein InformationName CERS6 ([HGNC:23826](#))**Function**

Ceramide synthase that catalyzes the transfer of the acyl chain from acyl-CoA to a sphingoid base, with high selectivity toward palmitoyl-CoA (hexadecanoyl-CoA; C16:0-CoA) (PubMed:17977534, PubMed:17609214, PubMed:23530041, PubMed:26887952, PubMed:31916624). Can use other acyl donors, but with less efficiency (By similarity). N-acylates sphinganine and sphingosine bases to form dihydroceramides and ceramides in de novo synthesis and salvage pathways, respectively (PubMed:17977534, PubMed:23530041, PubMed:26887952, PubMed:31916624). Ceramides generated by CERS6 play a role in inflammatory response (By similarity). Acts as a regulator of metabolism and hepatic lipid accumulation (By similarity). Under high fat diet, palmitoyl- (C16:0-) ceramides generated by CERS6 specifically bind the mitochondrial fission factor MFF, thereby promoting mitochondrial fragmentation and contributing to the development of obesity (By similarity).

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q8C172}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q8C172}

LASS6 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

LASS6 Antibody (C-term) Blocking Peptide - Images**LASS6 Antibody (C-term) Blocking Peptide - Background**

LASS6 may be involved in sphingolipid synthesis or its regulation (By similarity).

LASS6 Antibody (C-term) Blocking Peptide - References

Mesicek, J., et al. Cell. Signal. 22(9):1300-1307(2010)Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Yacoub, A., et al. Cancer Res. 70(3):1120-1129(2010)Erez-Roman, R., et al. Biochem. Biophys. Res. Commun. 391(1):219-223(2010)Senkal, C.E., et al. FASEB J. 24(1):296-308(2010)