

AASS Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11094b**Specification**

AASS Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q9UDR5](#)

AASS Antibody (C-term) Blocking peptide - Additional Information

Gene ID 10157

Other Names

Alpha-aminoadipic semialdehyde synthase, mitochondrial, LKR/SDH, Lysine ketoglutarate reductase, LKR, LOR, Saccharopine dehydrogenase, SDH, AASS

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.

AASS Antibody (C-term) Blocking peptide - Protein Information

Name AASS ([HGNC:17366](#))

Function

Bifunctional enzyme that catalyzes the first two steps in lysine degradation.

Cellular Location

Mitochondrion.

Tissue Location

Expressed in all 16 tissues examined with highest expression in the liver

AASS Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

AASS Antibody (C-term) Blocking peptide - Images

AASS Antibody (C-term) Blocking peptide - Background

This gene encodes a bifunctional enzyme that catalyzes the first two steps in the mammalian lysine degradation pathway. The N-terminal and the C-terminal portions of this enzyme contain lysine-ketoglutarate reductase and saccharopine dehydrogenase activity, respectively, resulting in the conversion of lysine to α -amino adipic semialdehyde. Mutations in this gene are associated with familial hyperlysinemia.

AASS Antibody (C-term) Blocking peptide - References

Sacksteder, K.A., et al. Am. J. Hum. Genet. 66(6):1736-1743(2000)
Papes, F., et al. Biochem. J. 344 PT 2, 555-563 (1999) :