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# 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

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## AASS Antibody (C-term) Blocking peptide - Background

This gene encodes a bifunctional enzyme that catalyzes thefirst two steps in the mammalian lysine degradation pathway. TheN-terminal and the C-terminal portions of this enzyme containlysine-ketoglutarate reductase and saccharopine dehydrogenaseactivity, respectively, resulting in the conversion of lysine toalpha-aminoadipic semialdehyde. Mutations in this gene areassociated 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) :