

ADSSL1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5873a**Specification**

ADSSL1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O8N142](#)
Other Accession [NP_689541.1](#), [NP_954634.1](#)

ADSSL1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 122622

Other Names

Adenylosuccinate synthetase isozyme 1 {ECO:0000255|HAMAP-Rule:MF_03126}, AMPSase 1 {ECO:0000255|HAMAP-Rule:MF_03126}, AdSS 1 {ECO:0000255|HAMAP-Rule:MF_03126}, 6344 {ECO:0000255|HAMAP-Rule:MF_03126}, Adenylosuccinate synthetase, basic isozyme {ECO:0000255|HAMAP-Rule:MF_03126}, Adenylosuccinate synthetase, muscle isozyme {ECO:0000255|HAMAP-Rule:MF_03126}, M-type adenylosuccinate synthetase {ECO:0000255|HAMAP-Rule:MF_03126}, IMP--aspartate ligase 1 {ECO:0000255|HAMAP-Rule:MF_03126}, ADSSL1 {ECO:0000255|HAMAP-Rule:MF_03126}

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.

ADSSL1 Antibody (N-term) Blocking peptide - Protein Information

Name ADSS1 ([HGNC:20093](#))

Function

Component of the purine nucleotide cycle (PNC), which interconverts IMP and AMP to regulate the nucleotide levels in various tissues, and which contributes to glycolysis and ammoniogenesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP.

Cellular Location

Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03126, ECO:0000269|PubMed:15786719}

Tissue Location

Predominantly expressed in skeletal muscle and heart, as well as in several hematopoietic cell lines and solid tumors

ADSSL1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ADSSL1 Antibody (N-term) Blocking peptide - Images