10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

ADSSL1 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP5873a

Specification

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

Primary Accession	Q8N142
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 ammoniagenesis. 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

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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