

ADSS Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13092b**Specification**

ADSS Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [P30520](#)**ADSS Antibody (C-term) Blocking peptide - Additional Information**

Gene ID 159

Other Names

Adenylosuccinate synthetase isozyme 2 {ECO:0000255|HAMAP-Rule:MF_03127}, AMPase 2 {ECO:0000255|HAMAP-Rule:MF_03127}, AdSS 2 {ECO:0000255|HAMAP-Rule:MF_03127}, 6344 {ECO:0000255|HAMAP-Rule:MF_03127}, Adenylosuccinate synthetase, acidic isozyme {ECO:0000255|HAMAP-Rule:MF_03127}, Adenylosuccinate synthetase, liver isozyme {ECO:0000255|HAMAP-Rule:MF_03127}, L-type adenylosuccinate synthetase {ECO:0000255|HAMAP-Rule:MF_03127}, IMP--aspartate ligase 2 {ECO:0000255|HAMAP-Rule:MF_03127}, ADSS {ECO:0000255|HAMAP-Rule:MF_03127}

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13092b was selected from the C-term region of ADSS. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

ADSS Antibody (C-term) Blocking peptide - Protein InformationName ADSS2 ([HGNC:292](#))**Function**

Plays an important role in the de novo pathway and in the salvage pathway of purine nucleotide biosynthesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP.

Cellular Location

Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03127}. Mitochondrion {ECO:0000250|UniProtKB:A4Z6H1}. Note=Partially associated with particulate fractions

ADSS Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ADSS Antibody (C-term) Blocking peptide - Images

ADSS Antibody (C-term) Blocking peptide - Background

This gene encodes the enzyme adenylosuccinate synthetase which catalyzes the first committed step in the conversion of inosine monophosphate to adenosine monophosphate. A pseudogene of this gene is found on chromosome 17.

ADSS Antibody (C-term) Blocking peptide - References

Sivendran, S., et al. Protein Sci. 17(7):1162-1174(2008) Zhang, F., et al. BMC Med. Genet. 9, 119 (2008) :Zhang, F., et al. Behav Brain Funct 4, 39 (2008) :Sun, H., et al. Mol. Cell. Biochem. 269 (1-2), 85-94 (2005) :Stepinski, J., et al. Kidney Int. 50(4):1195-1201(1996)