

ADSSL1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5873a**Specification****ADSSL1 Antibody (N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	O8N142
Other Accession	A4Z6H0 , P28650 , A5PJR4 , NP_689541.1 , NP_954634.1
Reactivity	Human, Mouse
Predicted	Bovine, Pig
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50208
Antigen Region	96-123

ADSSL1 Antibody (N-term) - 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}

Target/Specificity

This ADSSL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-123 amino acids from the N-terminal region of human ADSSL1.

Dilution

WB~~1:1000
IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ADSSL1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ADSSL1 Antibody (N-term) - 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

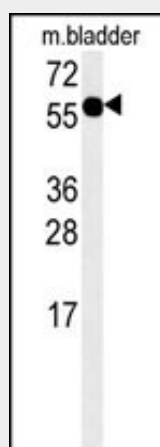
Predominantly expressed in skeletal muscle and heart, as well as in several hematopoietic cell lines and solid tumors

ADSSL1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADSSL1 Antibody (N-term) - Images



ADSSL1 Antibody (N-term) (Cat. #AP5873a) western blot analysis in mouse bladder tissue lysates (15ug/lane). This demonstrates the ADSSL1 antibody detected ADSSL1 protein (arrow).



ADSSL1 antibody (N-term) (Cat. #AP5873a) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ADSSL1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.