

Adenylosuccinate Lyase Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58422**Specification**

Adenylosuccinate Lyase Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P30566
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54889

Adenylosuccinate Lyase Polyclonal Antibody - Additional Information**Gene ID** 158**Other Names**

Adenylosuccinate lyase, ADSL, ASL, 4.3.2.2, Adenylosuccinase, ASase, ADSL, AMPS

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Adenylosuccinate Lyase Polyclonal Antibody - Protein Information**Name** ADSL**Synonyms** AMPS**Function**

Catalyzes two non-sequential steps in de novo AMP synthesis: converts (S)-2-(5-amino-1-(5-phospho-D-riboseyl)imidazole-4-carboxamido)succinate (SAICAR) to fumarate plus 5-amino-1-(5-phospho-D-riboseyl)imidazole-4-carboxamide, and thereby also contributes to de novo IMP synthesis, and converts succinyladenosine monophosphate (SAMP) to AMP and fumarate.

Tissue Location

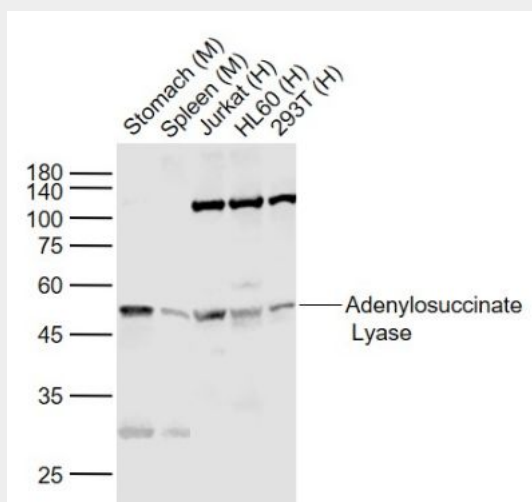
Ubiquitously expressed. Both isoforms are produced by all tissues. Isoform 2 is 10-fold less abundant than isoform 1

Adenylosuccinate Lyase Polyclonal Antibody - 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](#)

Adenylosuccinate Lyase Polyclonal Antibody - Images



Sample:

Lane 1: Stomach (Mouse) Lysate at 40 ug

Lane 2: Spleen (Mouse) Lysate at 40 ug

Lane 3: Jurkat (Human) Cell Lysate at 30 ug

Lane 4: HL60 (Human) Cell Lysate at 30 ug

Lane 5: 293T (Human) Cell Lysate at 30 ug

Primary: Anti-Adenylosuccinate Lyase (bs-6352R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 55/48 kD

Observed band size: 50 kD