

Datasheet for ABIN1449880  
**anti-ADSSL1 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	ADSSL1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Dog, Chicken, Xenopus laevis, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADSSL1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Synthetic peptide directed towards the middle region of human ADSSL1
Sequence:	VDGLQEVQRQ AQEGKNIGTT KKGIGPTYSS KAARTGLRIC DLLSDFDEFS
Cross-Reactivity (Details):	Species reactivity (expected): Mouse, Rat, African clawed frog, Zebrafish, Dog, Bovine, Pig, Chicken Species reactivity (tested): Human
Purification:	Purified using peptide immunoaffinity column

## Target Details

Target:	ADSSL1
Alternative Name:	ADSSL1 ( <a href="#">ADSSL1 Products</a> )
Background:	ADSSL1 is a muscle isozyme of adenylosuccinate synthase (EC 6.3.4.4), which catalyzes the

## Target Details

initial reaction in the conversion of inosine monophosphate (IMP) to adenosine monophosphate (AMP).  $GTP + IMP + L\text{-aspartate} = GDP + \text{phosphate} + N(6)\text{-(1,2-dicarboxyethyl)-AMP}$ . Synonyms: ADSS1, AMPSase 1, AdSS 1, Adenylosuccinate synthetase isozyme 1, IMP-aspartate ligase 1

Gene ID:	122622
NCBI Accession:	<a href="#">NP_689541</a>
Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Reconstitution:	Add 50 µL of distilled water to a final concentration of 1 mg/mL.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store lyophilized at 2-8 °C or at -20 °C long term. After reconstitution store the antibody undiluted at 2-8 °C for up to one month or in aliquots at -20 °C long term.

## Images



**Western Blotting**

**Image 1.** Human Muscle; WB Suggested Anti-ADSSL1 Antibody Titration: 0.2-1 µg/ml. ELISA Titer: 1:12500. Positive Control: Human Muscle; ADSSL1 antibody - middle region in Human Muscle cells using Western Blot