

Datasheet for ABIN6746728

**anti-Adenylosuccinate Lyase antibody (AA 188-237)**[Go to Product page](#)**1** Image**3** Publications

## Overview

Quantity:	100 µL
Target:	Adenylosuccinate Lyase (ADSL)
Binding Specificity:	AA 188-237
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylosuccinate Lyase antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Synthetic peptide located between aa188-237 of human ADSL (P30566, NP_000017). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey (100%), Sheep, Elephant, Bovine, Rabbit, Pig (92%), Galago, Mouse, Rat, Hamster, Dog, Bat, Horse, Guinea pig (85%), Opossum (80%).  Type of Immunogen: Synthetic peptide
Specificity:	Human ADSL
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Sheep, Bovine, Rabbit, Pig (92%) Mouse, Rat, Dog, Horse, Guinea pig (85%).
Purification:	Immunoaffinity purified

## Target Details

Target:	Adenylosuccinate Lyase (ADSL)
Alternative Name:	ADSL / Adenylosuccinate Lyase ( <a href="#">ADSL Products</a> )
Background:	Name/Gene ID: ADSL  Synonyms: ADSL, Adenylosuccinate lyase, AMPS, ASASE, Adenylosuccinase
Gene ID:	158
NCBI Accession:	<a href="#">NP_000017</a>
UniProt:	<a href="#">P30566</a>
Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Publications

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- Product cited in: Blumstein, Faundez, Nakatsu, Saito, Ohno, Kelly: "The neuronal form of adaptor protein-3 is required for synaptic vesicle formation from endosomes." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 21, Issue 20, pp. 8034-42, (2001) ([PubMed](#)).
- Zhen, Jiang, Feng, Bright, Peden, Seymour, Novak, Elliott, Gorin, Robinson, Swank: "Abnormal expression and subcellular distribution of subunit proteins of the AP-3 adaptor complex lead to platelet storage pool deficiency in the pearl mouse." in: **Blood**, Vol. 94, Issue 1, pp. 146-55, (1999) ([PubMed](#)).
- Ooi, Moreira, DellAngelica, Poy, Wassarman, Bonifacino: "Altered expression of a novel adaptin leads to defective pigment granule biogenesis in the Drosophila eye color mutant garnet." in: **The EMBO journal**, Vol. 16, Issue 15, pp. 4508-18, (1997) ([PubMed](#)).

## Images

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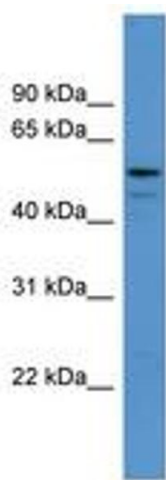


Image 1.