

Rabbit anti-Human Adenylosuccinate Lyase/ADSL Polyclonal Antibody | anti-ADSL antibody

Rabbit anti-Adenylosuccinate Lyase/ADSL Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212933	Rabbit	Human	Immunoprecipitation, Western Blot

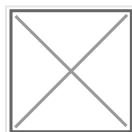
PRODUCT SYNONYMS

Adenylosuccinate Lyase/ADSL; Polyclonal Antibody; Rabbit anti-Adenylosuccinate Lyase/ADSL Antibody; Affinity Purified; adenylosuccinase; adenylosuccinate lyase; ADSL; AMPS; ASASE; ASL; Adenylosuccinate lyase; anti-ADSL antibody

PRODUCT SPECIFICATIONS

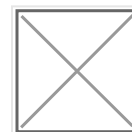
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ADSL antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 200 and 250
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Adenylosuccinate Lyase/ADSL by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Adenylosuccinate Lyase/ADSL antibody AAA212933 (lot AAA212933-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Adenylosuccinate Lyase/ADSL by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Adenylosuccinate Lyase/ADSL antibody AAA212933 (lot AAA212933-1) used for IP at 6 ug per reaction. Adenylosuccinate Lyase/ADSL was also immunoprecipitated by rabbit anti-Adenylosuccinate Lyase/ADSL antibody BL18708. For blotting immunoprecipitated Adenylosuccinate Lyase/ADSL, AAA212933 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ADSL antibody	Adenylosuccinate Lyase /ADSL is involved in both de novo synthesis of purines and formation of adenosine monophosphate from inosine monophosphate. It catalyzes two reactions in AMP biosynthesis: the removal of a fumarate from succinylaminoimidazole carboxamide (SAICA) ribotide to give aminoimidazole carboxamide ribotide (AICA) and removal of fumarate from adenylosuccinate to give AMP. Adenylosuccinase deficiency results in succinylpurinemic autism, psychomotor retardation, and, in some cases, growth retardation associated with muscle wasting and epilepsy [taken from NCBI Entrez Gene (Gene ID: 158)].
Product Categories/Family for anti-ADSL antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557269
NCBI GeneID	158
NCBI Accession #	NP_000017.1
NCBI GenBank Nucleotide #	NM_000026.2
UniProt Accession #	P30566; O75495; Q5TI34; B0QY76
Molecular Weight	48,328 Da
NCBI Official Full Name	adenylosuccinate lyase isoform a
NCBI Official Synonym Full Names	adenylosuccinate lyase
NCBI Official Symbol	ADSL
NCBI Official Synonym Symbols	ASL; AMPS; ASASE
NCBI Protein Information	adenylosuccinate lyase; adenylosuccinase
UniProt Protein Name	Adenylosuccinate lyase
UniProt Gene Name	ADSL
UniProt Synonym Gene Names	AMPS; ASL; ASase
UniProt Entry Name	PUR8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adenylosuccinate-lyase-adsl-antibody-immunoprecipitation-western-blot-elisa/212933>