

Rabbit anti-Human ADSL Monoclonal Antibody | anti-ADSL antibody

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173479	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ADSL; Monoclonal Antibody; Rabbit anti Human ADSL Monoclonal Antibody; Adenylosuccinate lyase; ASL; Adenylosuccinase; ASase; AMPS; anti-ADSL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	0.2 um filtered solution in PBS
Sequence Length	420
Applicable Applications for anti-ADSL antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human ADSL protein
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue slide using ADSL Monoclonal Antibody at dilution of 1:500.



WB (Western Blot)

Western blot analysis of HepG2 cells using ASGR1 Monoclonal Antibody at dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-ADSL antibody

Adenylosuccinate lyase, also known as adenylosuccinase, ADSL or ASL, is an enzyme implicated in the reaction of adenylosuccinate converting to AMP and fumarate as part of the purine nucleotide cycle. The two substrates of adenylosuccinate lyase (ADSL) are dephosphorylated derivatives of SAICA ribotide (SAICAR) and adenylosuccinate (S-AMP), which catalyzes an important reaction in the de novo pathway of purine biosynthesis. ADSL catalyzes two distinct reactions in the synthesis of purine nucleotides, both of which involve the β -elimination of fumarate to produce either aminoimidazole carboxamide ribotide from SAICAR or AMP from S-AMP. The Adenylosuccinate lyase deficiency is a rare autosomal recessive metabolic disorder characterized by the presence of SAICA riboside and succinyladenosine (S-Ado). ADSL defect in different patients is often caused by different mutations to the enzyme.

NCBI AND UNIPROT INFORMATION

NCBI GI #	961652663
NCBI GeneID	158
NCBI GenBank Nucleotide #	NM_001317923.1
Molecular Weight	Calculated MW 55kDa Observed MW 55kDa
NCBI Official Full Name	adenylosuccinate lyase isoform c
NCBI Official Synonym Full Names	adenylosuccinate lyase
NCBI Official Symbol	ADSL
NCBI Official Synonym Symbols	ASL; AMPS; ASASE
NCBI Protein Information	adenylosuccinate lyase
UniProt Protein Name	Adenylosuccinate lyase
UniProt Gene Name	ADSL
UniProt Synonym Gene Names	AMPS; 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/monoclonal/adsl-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/173479>