

Rabbit ADSL Polyclonal Antibody | anti-ADSL antibody

ADSL antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200977	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ADSL; Polyclonal Antibody; ADSL antibody - middle region; anti-ADSL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RV RDDLRFRGVK GTTGTQASFL QLFEGDDHKV EQLDKMVTEK AGFKRAFI
Sequence Length	484
Applicable Applications for anti-ADSL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 93%; Rat: 86%; Sheep: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ADSL
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

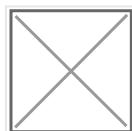
IMAGES



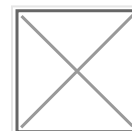
WB (Western Blot)

WB Suggested Anti-ADSL Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Muscle


WB (Western Blot)

Host: Rabbit
Target Name: ADSL
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml


WB (Western Blot)

Sample Type: Human
Sample Type: 1. Hamster CHO K1 cells (20ug)
2. HeLa skin cells (100ug)
3. HEK273 cells (100ug)
4. HepG2 cells (100ug)
5. purified human ADSL protein (40ng)
Primary Dilution: 1:2000
Secondary Antibody: Clean-Blot IP detection Reagent and Kit
Secondary Dilution: 1:2000
Image Submitted By: V. Skopova, M. Zikanova
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IHC (Immunohistochemistry)

Rabbit Anti-ADSL Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic in endothelial cells in blood vessels
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ADSL antibody	This is a rabbit polyclonal antibody against ADSL. It was validated on Western Blot Target Description: Adenylosuccinate lyase 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. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ADSL antibody	Polyclonal; Signaling Intermediate; Drugs and Drug Metabolism; Developmental Biology; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557269
NCBI GeneID	158
NCBI Accession #	NP_000017
NCBI GenBank Nucleotide #	NM_000026
UniProt Accession #	P30566
Molecular Weight	55kDa
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
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/adsl-antibody-immunohistochemistry-western-blot-elisa/200977>