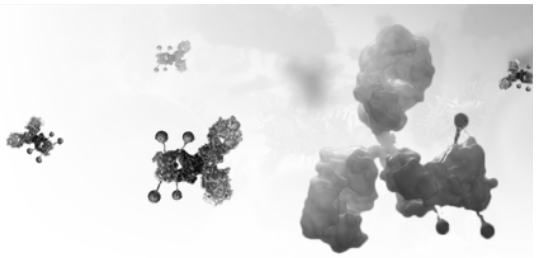

# Rabbit Anti-Human ADSL Polyclonal Antibody (DPABH-08614)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Immunogen** | Recombinant Protein, antigen sequence: RRICLAEAFLTADTILNTLQNISEGLVVYPKVIERRIRQELPFMATENIIMAMVKAGGSR QDCHEKIRVLSQQAASVVKQEGGDNDLIERIQVDAYFSPIHSQLDHLLDPSSFTGRASQQ VQRFLEEEVYPLLKPYESVMKVKA |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Human |
| **Purification** | Antigen affinity purified |
| **Conjugate** | Unconjugated |
| **Applications** | IHC, WB, ICC-IF |
| **Format** | Liquid |
| **Size** | 100 µl |
| **Buffer** | 40% glycerol and PBS (pH 7.2). |
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user. |

## BACKGROUND

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|---|---|
| **Introduction** | Adenylsuccinate 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. [provided by RefSeq, Jul 2008] |
| **Keywords** | ADSL; adenylosuccinate lyase; ASL; AMPS; ASASE; adenylosuccinase; |

# GENE INFORMATION

| | |
|---|---|
| **Entrez Gene ID** | 158 |
| **UniProt ID** | P30566 |

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