

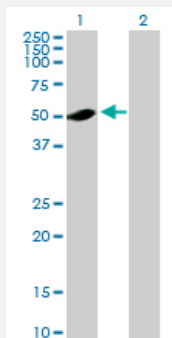
MaxPab®

ADSL purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000158-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ADSL expression in transfected 293T cell line ([H00000158-T01](#)) by ADSL MaxPab polyclonal antibody.

Lane 1: ADSL transfected lysate(53.24 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ADSL protein.
Immunogen	ADSL (NP_000017.1, 1 a.a. ~ 484 a.a) full-length human protein.
Sequence	MAAGGDHGGSPDSYRSPLASRYASPEMCFVFS DRYKFRTWRQLWLWLAEAEQTLGLPITDEQIQE MKS NLENIDFKMAAEEEEKRLRHDVMAHVHTFGHCCPKAAGIIHLGATSCYVGDNTDLIILRNALDLL LPKLARVISRLADFAKERASLPTLGFTHFQPAQLTTVGKRCCLWIQDLQNLKVRDDLRF GVKGTGTQASFLQLFEGDDHKVEQLDKMVTEKAGFKRAFIITGQTYTRKVDIEVLSVLASLGASV HKICTDIRLLANLKEMEEPFQKQIGSSAMPYKRNPMSERCCSLARHMLTLVMDPLQTASVQWF ERTLDDSANRRICLAEAFLTADTILNTLQNSEGLVVYPKVIERRIRQELPFMATENIIMAMVKAGGSR QDCHEKIRVLSQQAASVVKQEGGDNDLIERIQVDAYFSPHSQLDHLDPSSFTGRASQQVQRFL EEEVYPLLKPYESVMKVKAELCL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ADSL expression in transfected 293T cell line ([H00000158-T01](#)) by ADSL MaxPab polyclonal antibody.

Lane 1: ADSL transfected lysate(53.24 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ADSL

Entrez GeneID
[158](#)
GeneBank Accession#
[NM_000026.1](#)
Protein Accession#
[NP_000017.1](#)
Gene Name

ADSL

Gene Alias

AMPS, ASASE, ASL

Gene Description

adenylosuccinate lyase

Omim ID
[103050 608222](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

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. [provided by RefSeq

Other Designations

OTTHUMP00000028724|adenylosuccinase

Pathway

- [Alanine](#)
- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)