

DNAxPAb

Hard-to-Find
Antibody

ASL DNAxPab

Catalog # H00000435-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ASL DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASESGKLWGGRFVGAVDPIMEKFNASIAYDRHLWEVDVQGSKAYSRGLEKAGLLTKAEMDQIL HGLDKVAEEWAQGTFLNSNDEDIHTANERRLKEIGATAGKLHTGRSRNDQVVTDLRLWMRQT CSTLSGLLWELIRTMVDRAEAERDVLFPGYTHLQRAQPIRWSHWILSHAVALTRDSERLLEVRKRI NVLPLGSGAIAGNPLGVDRELLRAELNFGAITLNSMDATSERDFVAEFLFWASLCMTHLSRMAED LILYCTKEFSFVQLSDAYSTGSSLMPQKKNPDSLELIRSKAGRVFGRCAGLLMTLKGLPSTYNKDL QEDKEAVFEVSDTMSAVLQVATGVISTLQIHQENMGQALSPDMLATDLAYYLVRKGMPFRQAHE ASGKAVFMAETKGVALNQLSLQELQTISPLFSGDVICVWDYGHVSVEQYGALGGTARSSVDWQIR QVRALLQAQQA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ASL

Entrez GeneID [435](#)

GeneBank Accession# [NM_000048.3](#)

Protein Accession# [NP_000039.2](#)

Gene Name ASL

Gene Alias ASAL

Gene Description argininosuccinate lyase

Omim ID [207900 608310](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the lyase 1 family. The encoded protein forms a cytosolic homotetramer and primarily catalyzes the reversible hydrolytic cleavage of argininosuccinate into arginine and fumarate, an essential step in the liver in detoxifying ammonia via the urea cycle. Mutations in this gene result in the autosomal recessive disorder argininosuccinic aciduria, or argininosuccinic acid lyase deficiency. A nontranscribed pseudogene is also located on the long arm of chromosome 22. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations OTTHUMP00000024494|OTTHUMP00000159903|argininosuccinase

Pathway

- [Alanine](#)
- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)