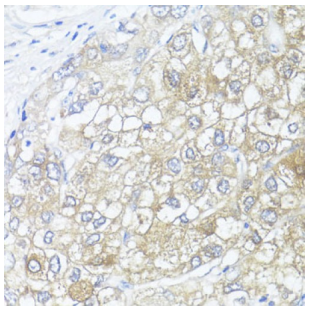
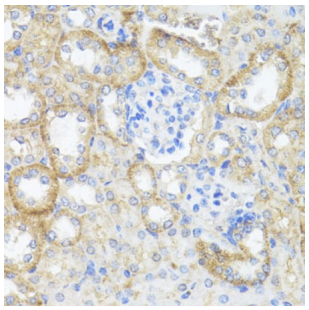
Argininosuccinate Lyase (ASL) Antibody

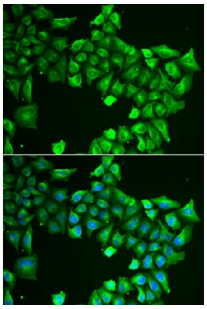
Catalogue No.:abx004859



Immunohistochemistry of paraffin-embedded Human liver cancer using ASL Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using ASL Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of HeLa cells using ASL Antibody

ASL Antibody is a Rabbit Polyclonal antibody against ASL. 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.

Target:	Argininosuccinate Lyase (ASL)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IHC, IF/ICC
Host:	Rabbit

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Recommended dilutions:	IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human ASL
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P04424 (UniProt, ExPASy)
Gene Symbol:	ASL
GeneID:	435
NCBI Accession:	NP_000039.2
KEGG:	hsa:435
String:	9606.ENSP00000307188
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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