Argininosuccinate Lyase antibody

Catalog No: #22612

Orders: order@signalwayantibody.com
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Description

Product Name	Argininosuccinate Lyase antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 13 and 231 of Argininosuccinate Lyase
Target Name	Argininosuccinate Lyase
Accession No.	Swiss-Prot:P04424Gene ID:435
Uniprot	P04424
GeneID	435;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

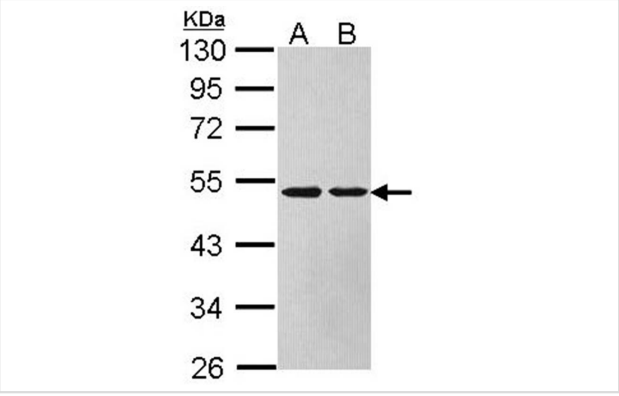
Predicted MW: 52kd

Western blotting: 1:500-1:3000

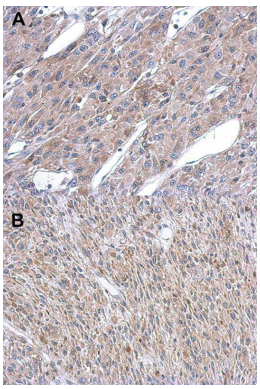
Immunohistochemistry: 1:100-1:500

Immunofluorescence: 1:100-1:200

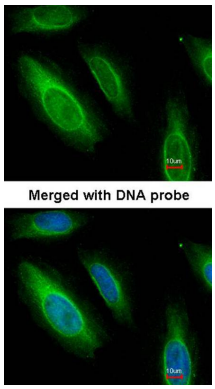
Images



Sample (30 ug of whole cell lysate)
A: Hela
B: Hep G2
10% SDS PAGE
Primary antibody diluted at 1: 1000



A:Immunohistochemical analysis of paraffin-embedded U87 xenograft, using ASL antibody at 1: 500 dilution.
B:Immunohistochemical analysis of paraffin-embedded C2C12 xenograft, using ASL antibody at 1: 500 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Argininosuccinate Lyase antibody at 1: 200 dilution.

Background

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]

Note: This product is for in vitro research use only