
Product Name: Argininosuccinate Lyase Rabbit Monoclonal Antibody**Catalog #: AMRe86221**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IP 1:20-1:50
Molecular Weight	Calculated MW:52 kDa; Observed MW:52 kDa

Antigen Information

Gene Name	Argininosuccinate Lyase
Alternative Names	ASAL; Arginosuccinase; ASL
Gene ID	435, 109900, 59085
SwissProt ID	P04424, Q91Y10, P20673
Immunogen	A synthetic peptide of human Argininosuccinate Lyase

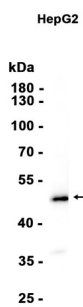
Background

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, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from HepG2 cells using Argininosuccinate Lyase Rabbit Monoclonal Antibody at 1:5000.