

LysRS/KARS Rabbit pAb

Catalog No.: A13772

Basic Information

Observed MW

75kDa

Calculated MW

68kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Lysyl-tRNA synthetase is a homodimer localized to the cytoplasm which belongs to the class II family of tRNA synthetases. It has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
3735	Q15046

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 298-597 of human LysRS/LysRS/KARS (NP_005539.1).

Synonyms

KRS; KARS; KARS2; LEPID; CMTRIB; DEAPLE; DFNB89; LysRS/KARS

Contact

 | www.abclonal.com

Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data

