

Recombinant

DGRmAb®

**KARS1 (DGR36149) Rabbit mAb**

db16384

Package : 10µL 20µL 50µL 100µL

**Product Name** : KARS1 (DGR36149) Rabbit mAb**Cat.No.:** db16384**Synonyms** : KRS; KARS; KARS2; LEPID; CMTRIB; DEAPLE; DFNB89**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of Human KARS1

**Gene ID**

3735

**Swiss Prot**

Q15046

**Synonyms**

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

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**

WB: 1:1000-1:10000

IHC-P: 1:100-1:200

ICC/IF: 1:200-1:500

**Calculated MW**

68 kDa

**Observed MW**

74 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR36149

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.