

DNAPab

Hard-to-Find
Antibody

KARS DNAPab

Catalog # H00003735-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human KARS DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAAVQAAEVKVDGSEPKLSKNELKRRLKAEKKVAEKEAKQKELSEKQLSQATAAATNHTTDNG VGPEEESVDPNQYYKIRSQAIIHQLKVNAGEDPYPHKFHVDSLTDFIQKYSHLQPGDHLTDITLKVAG RIHAKRASGGKLIFYDLRGEVGLQVMANSRNYKSEEEFIHNNKLRRGDIIGVQGNPGKTKKGELSII PYEITLLSPCLHMLPHLHFGLKDKETRYRQRYLDLILNDFVRQKFIIIRSKIITYRSFLDELGFLEIETPM MNIIPGGAVAKPFITYHNELDMNLYMRIAPELYHKMLVVGIDRVYEIGRQFRNEGIDLTHNPEFTTC EFYMAADYHDLMEITEKMGVSGMVKHITGSYKVTYHPDGPEGQAYDVDFTPPFRRINMVEELEKA LGMKLPETNLFETEETRKILDDICVAKAVECPPPRTTARLLDKLVGEFLEVTCINPTFICDHPQIMSP LAKWHRSEGLTERFELFVMKKEICNAYTELNDPMRQRQLFEEQAKAKAAGDDEAMFIDENFCT ALEYGLPPTAGWGMGIDRVAMFLTDSNNKEVLLFPAMKPEDKKENVATTDLTLESTTVGTSV
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — KARS

Entrez GeneID [3735](#)

GeneBank Accession# [BC004132.2](#)

Protein Accession# [AAH04132.1](#)

Gene Name KARS

Gene Alias KARS2, KIAA0070, KRS

Gene Description lysyl-tRNA synthetase

Omim ID [601421](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations lysine tRNA ligase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)

Disease

- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)