

Datasheet

KARS polyclonal antibody

Catalog Number: PAB23786

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against recombinant KARS.

Immunogen: Recombinant protein corresponding to amino acids of human KARS.

Sequence:

GMVKHITGSYKVITYHPDGPEGQAYDVFDPFRRINM
VEELEKALGMKLPETNLFETEETRKILDDICVAKAVECP
PPRTTARLLDKLVGEFLEVTCINPTFICDHPQIMSPLAK
WHRSK

Host: Rabbit

Reactivity: Human

Applications: IF, IHC-P, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry

(1:500-1:1000)

Western Blot (1:250-1:500)

Immunofluorescence (1-4 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3735

Gene Symbol: KARS

Gene Alias: KARS2, KIAA0070, KRS

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]