antibodies - online.com







anti-KARS antibody





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Target Details

Alternative Name:

Target:

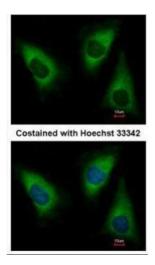
KARS

Quantity: 100 µL Target: KARS Reactivity: Human Host: Rabbit Clonality: Polyclonal Conjugate: This KARS antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC) Product Details Immunogen: Recombinant protein encompassing a sequence within the center region of human Lysyl-tRNA synthetase. The exact sequence is proprietary. Isotype: IgG Cross-Reactivity: Human, Mouse Characteristics: Rabbit Polyclonal antibody to Lysyl-tRNA synthetase (lysyl-tRNA synthetase) Lysyl-tRNA synthetase antibody Purification: Affinity purified by Protein A.			
Reactivity: Human Host: Rabbit Clonality: Polyclonal Conjugate: This KARS antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC) Product Details Immunogen: Recombinant protein encompassing a sequence within the center region of human Lysyl-tRNA synthetase. The exact sequence is proprietary. Isotype: IgG Cross-Reactivity: Human, Mouse Characteristics: Rabbit Polyclonal antibody to Lysyl-tRNA synthetase (lysyl-tRNA synthetase) Lysyl-tRNA synthetase antibody	Quantity:	100 μL	
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Cross-Reactivity: Human, Mouse Characteristics: Rabbit Polyclonal antibody to Lysyl-tRNA synthetase (lysyl-tRNA synthetase) Lysyl-tRNA synthetase antibody	Immunogen:		
Characteristics: Rabbit Polyclonal antibody to Lysyl-tRNA synthetase (lysyl-tRNA synthetase) Lysyl-tRNA synthetase antibody	Isotype:	IgG	
Lysyl-tRNA synthetase antibody	Cross-Reactivity:	Human, Mouse	
Purification: Affinity purified by Protein A.	Characteristics:		
	Purification:	Affinity purified by Protein A.	

lysyl-tRNA synthetase (KARS Products)

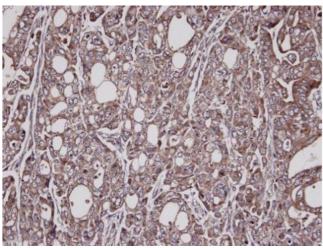
Target Details

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.	
	Cellular Localization: Cytoplasm	
Molecular Weight:	68 kDa	
Gene ID:	3735	
UniProt:	Q15046	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: H1299	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	2 mg/mL	
Buffer:	1XPBS (pH 7), 40 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	



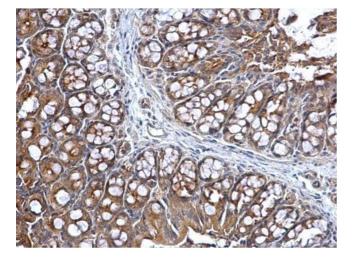
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Lysyl-tRNA synthetase, antibody at 1:500 dilution.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded NCI-N87 xenograft, using Lysyl-tRNA synthetase, antibody at 1:100 dilution.



Immunohistochemistry

Image 3. IHC-P Image Lysyl-tRNA synthetase antibody detects Lysyl-tRNA synthetase protein at cytosol on mouse colon by immunohistochemical analysis. Sample: Paraffinembedded mouse colon. Lysyl-tRNA synthetase antibody , dilution: 1:500.

Please check the product details page for more images. Overall 4 images are available for ABIN2855293.