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Datasheet for ABIN7237294 anti-KARS antibody

3 Images



Overview

Quantity:	200 µL
Target:	KARS
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant protein of human KARS
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	KARS
Alternative Name:	KARS (KARS Products)
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.

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Target Details

Molecular Weight:	68 kDa
UniProt:	Q15046

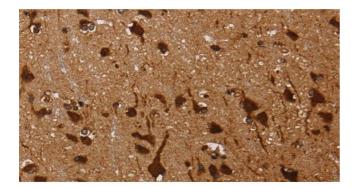
Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:100-1:300
Restrictions:	For Research Use only

Handling

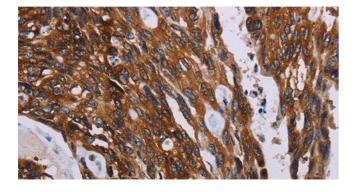
Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



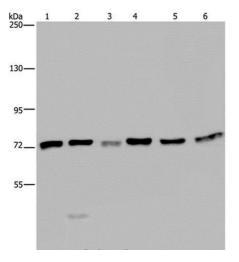
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human brain using KARS Polyclonal Antibody at dilution of 1:60



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human colon cancer using KARS Polyclonal Antibody at dilution of 1:60



Western Blotting

Image 3. Western Blot analysis of K562, A549, HT-29, 293T, Hela and Jurkat cell using KARS Polyclonal Antibody at dilution of 1:350

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