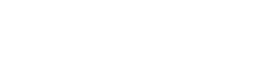
Datasheet for ABIN731921 anti-AARS2 antibody (AA 451-550) (Cy3)



Quantity:	100 µL
Target:	AARS2
Binding Specificity:	AA 451-550
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AARS2 antibody is conjugated to Cy3
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Overview

Immunogen:	KLH conjugated synthetic peptide derived from human AARS2
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog
Purification:	Purified by Protein A.
Target Details	
Target:	AARS2
Alternative Name:	Aars2 (AARS2 Products)

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Target Details	
Background:	Synonyms: alanyl tRNA synthetase 2, AARSL, bA444E17.1, Gm89, MT ALARS, MTALARS , AARS
	2, AARS2, Alanine tRNA ligase 2 mitochondrial, Alanine tRNA ligase, Alanyl tRNA synthetase 2
	mitochondrial, Alanyl tRNA synthetase like, AlaRS, KIAA1270, MGC69820, Probable alanyl tRNA
	synthetase mitochondrial, RP11-444E17.1.
	Background: The protein encoded by this gene belongs to the class-II aminoacyl-tRNA
	synthetase family. Aminoacyl-tRNA synthetases play critical roles in mRNA translation by
	charging tRNAs with their cognate amino acids. The encoded protein is a mitochondrial
	enzyme that specifically aminoacylates alanyl-tRNA. Mutations in this gene are a cause of
	combined oxidative phosphorylation deficiency 8. [provided by RefSeq, Dec 2011].
Gene ID:	57505
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C

Expiry Date: 12 months

Storage Comment:

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Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.