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Datasheet for ABIN731918 **anti-AARS2 antibody (AA 451-550)**

Overview

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

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AARS2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog
Purification:	Purified by Protein A.

Target Details

Target:	AARS2
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Target Details

Alternative Name:	AARS2 (AARS2 Products)
Background:	<p>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.</p> <p>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].</p>
Gene ID:	57505

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 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:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months