Datasheet for ABIN655043

anti-RARS antibody (C-Term)

4 Images

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Overview

Quantity:	400 µL
Target:	RARS
Binding Specificity:	AA 605-634, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This RARS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 605-634 amino acids from the C-terminal region of human RARS.
Clone:	RB14860
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	RARS
Alternative Name:	RARS (RARS Products)

Target Details

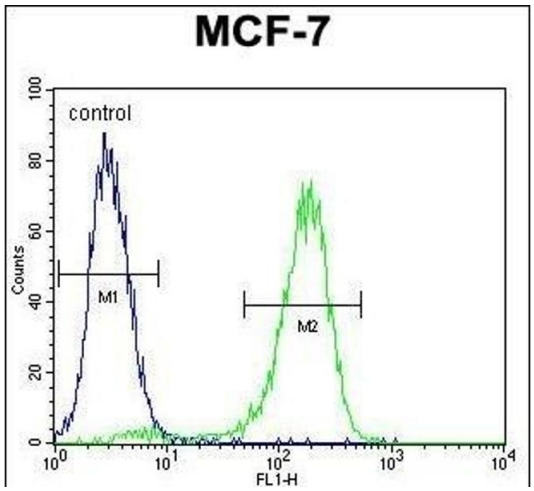
Background:	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Arginyl-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family. [provided by RefSeq].
Molecular Weight:	75379
Gene ID:	5917
NCBI Accession:	NP_002878
UniProt:	P54136

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

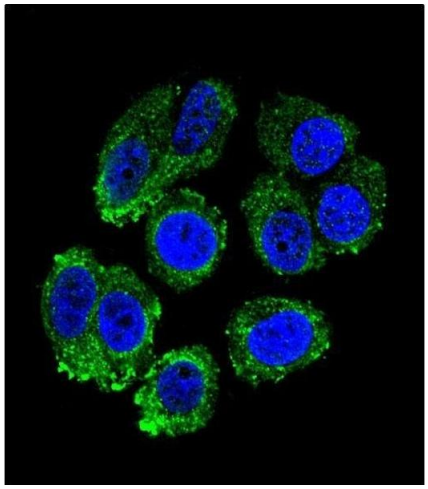
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



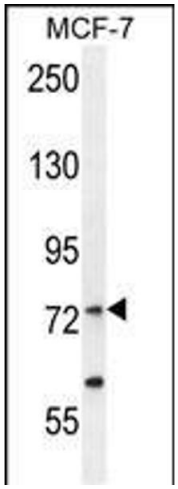
Flow Cytometry

Image 1. RARS Antibody (C-term) (ABIN655043 and ABIN2844674) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of RARS Antibody (C-term) (ABIN655043 and ABIN2844674) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. RARS Antibody (C-term) (ABIN655043 and ABIN2844674) western blot analysis in MCF-7 cell line lysates (35 µg/lane).This demonstrates the RARS antibody detected the RARS protein (arrow).

Please check the product details page for more images. Overall 4 images are available for ABIN655043.