

Datasheet for ABIN954456
anti-RARS antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	0.4 mL
Target:	RARS
Binding Specificity:	AA 612-642, 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), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 612-642 amino acids from the C-terminal region of Human RARS. Genename: RARS
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human RARS (C-term).
Purification:	Protein A column, followed by peptide affinity purification

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].Synonyms: ArgRS, Arginyl-tRNA synthetase cytoplasmic, DALRD1

Molecular Weight: 75379 Da

Gene ID: 5917

NCBI Accession: [NP_002878](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

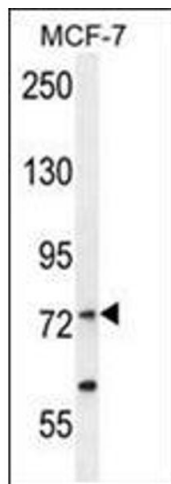
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

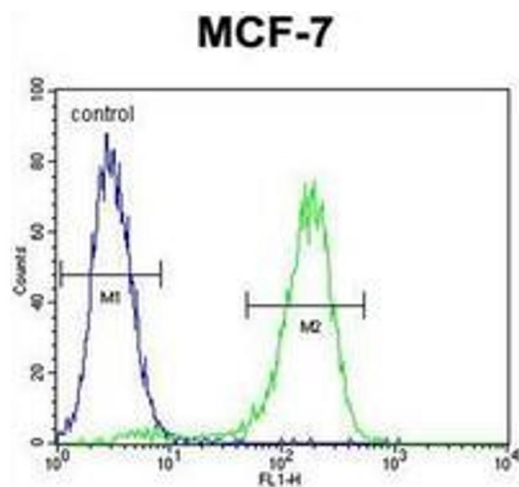
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



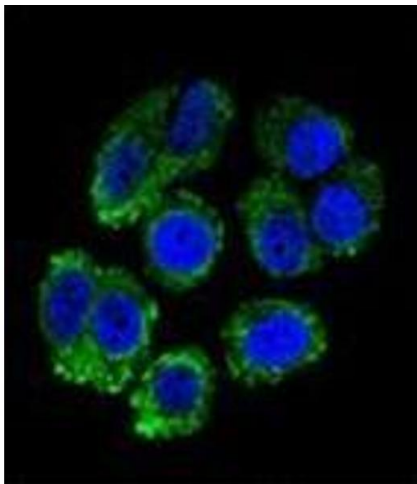
Western Blotting

Image 1. Western blot analysis of RARS Antibody (C-term) in MCF-7 cell line lysates (35ug/lane). This demonstrates the RARS antibody detected the RARS protein (arrow).



Flow Cytometry

Image 2. Flow cytometric analysis of MCF-7 cells using RARS Antibody (C-term) Cat.-No AP53582PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of RARS Antibody (C-term) Cat.-No AP53582PU-N with MCF-7 cell followed by Alexa Fluor 488-conjugated Goat anti-Rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN954456.