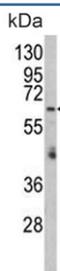


## RARS2 Antibody / Arginyl-tRNA synthetase (mitochondrial) (F54981)

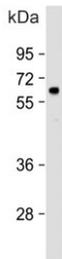
Catalog No.	Formulation	Size
F54981-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54981-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

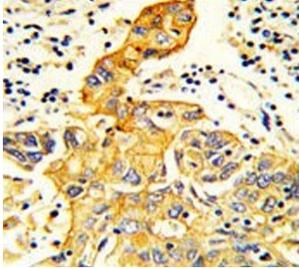
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q5T160
<b>Localization</b>	Mitochondrial
<b>Applications</b>	Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
<b>Limitations</b>	This RARS2 antibody is available for research use only.



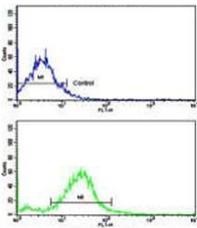
Western blot testing of human HepG2 cell lysate with RARS2 antibody. Predicted molecular weight ~66 kDa.



Western blot testing of human K562 cell lysate with RARS2 antibody. Predicted molecular weight ~66 kDa.



IHC testing of FFPE human lung carcinoma tissue with RARS2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human NCI-H292 cells with RARS2 antibody; Blue=isotype control, Green= RARS2 antibody.

## Description

RARS2 is an arginyl-tRNA synthetase that is found in the mitochondrial matrix.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the RARS2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 369-399 from the human protein was used as the immunogen for the RARS2 antibody.

## Storage

Aliquot the RARS2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.