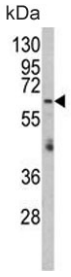
RARS2 Antibody / Arginyl-tRNA synthetase (mitochondrial) (F54981)

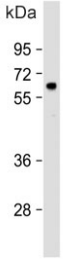
Catalog No.	Formulation	Size
F54981-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54981-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

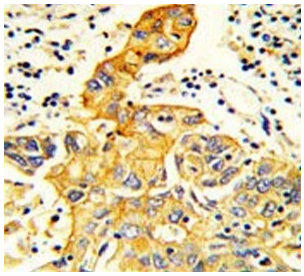
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q5T160
Localization	Mitochondrial
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations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



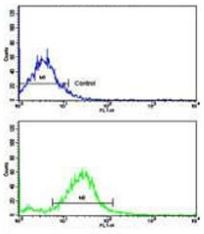
Western blot testing of human HepG2 cell lysate with RARS2 antibody. Predicted molecular weight ~66 kDa.



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.