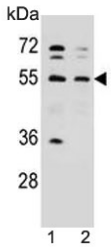
NARS Antibody / AsnRS (F54573)

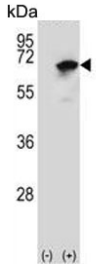
Catalog No.	Formulation	Size
F54573-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54573-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

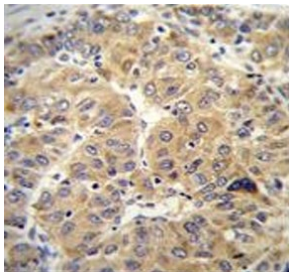
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O43776
Localization	Cytoplasmic
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25 Flow cytometry: 1:25 (1x10e6 cells)
Limitations	This NARS antibody is available for research use only.



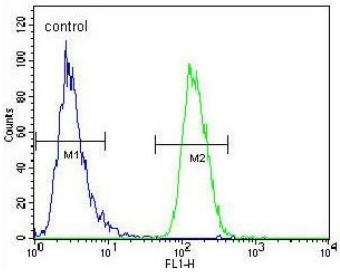
Western blot testing of human 1) WiDr and 2) HepG2 cell lysate with NARS antibody. Predicted molecular weight ~63 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with NARS antibody. Predicted molecular weight ~63 kDa.



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



Flow cytometry testing of human WiDr cells with NARS antibody; Blue=isotype control, Green= NARS antibody.

Description

Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Asparaginyl-tRNA synthetase is localized to the cytoplasm and belongs to the class II family of tRNA synthetases. The N-terminal domain represents the signature sequence for the eukaryotic asparaginyl-tRNA synthetases.

Application Notes

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

Immunogen

A portion of amino acids 24-53 from the human protein was used as the immunogen for the NARS antibody.

Storage

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

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