

## Anti-NARS antibody

<b>Cat. No.</b>	ml225453
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-NARS rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human NARS
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.96 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	NARS
<b>Full name</b>	asparaginyl-tRNA synthetase

**Synonyms** ASNRS; NARS1

**Swissprot** O43776

### Target Background

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.

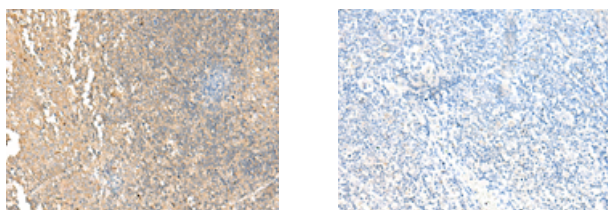
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml225453(NARS Antibody) at dilution 1/55, on the right is treated with fusion protein. (Original magnification: ×200)

### Western blotting

Predicted band size: 63 kDa

Positive control: HEPG2 and A172 cell lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

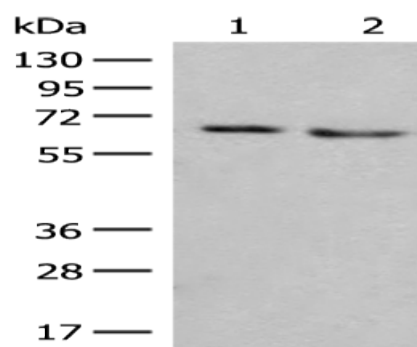
Lysate: 40  $\mu$ g

Lane 1-2: HEPG2 and A172 cell lysates

Primary antibody: ml225453(NARS Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



#### ELISA

Recommended dilution: 5000-10000

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