

## Anti-NAPRT antibody

<b>Cat. No.</b>	ml225721
<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-NAPRT rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Fusion protein of human NAPRT
<b>Reactivity</b>	Human
<b>Content</b>	0.84 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>	NAPRT
<b>Full name</b>	nicotinate phosphoribosyltransferase
<b>Synonyms</b>	NAPRT1; PP3856
<b>Swissprot</b>	Q6XQN6

### Target Background

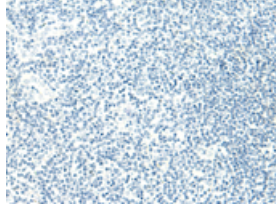
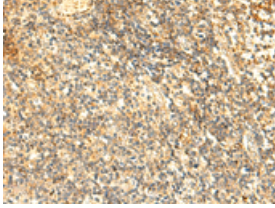
Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC 2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes in cellular metabolism including response to stress (Hara et al., 2007).

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### Applications

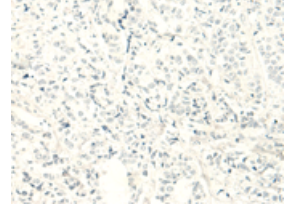
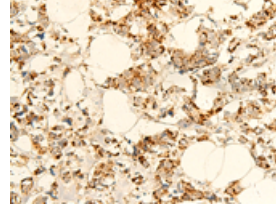
#### Immunohistochemistry

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 ml225721(NAPRT Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm  
Positive control: Human breast cancer  
Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml225721(NAPRT Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)

#### ELISA

Recommended dilution: 5000-10000

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