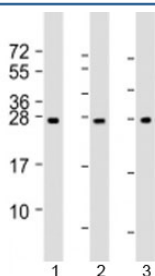


## NT5M Antibody (F53883)

Catalog No.	Formulation	Size
F53883-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53883-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9NPB1
<b>Applications</b>	Western Blot : 1:1000-2000
<b>Limitations</b>	This NT5M antibody is available for research use only.



Western blot testing of human 1) human liver, 2) RPMI-8226 and 3) SH-SY5Y lysate with NT5M antibody at 1:2000. Predicted molecular weight: 26 kDa.

## Description

5',3'-Nucleotidase, mitochondrial, dephosphorylates specifically the 5' and 2'(3')- phosphates of uracil and thymine deoxyribonucleotides, and so protects mitochondrial DNA replication from excess dTTP. Has only marginal activity towards dIMP and dGMP.

## Application Notes

Titration of the NT5M antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 195-226 from the human protein was used as the immunogen for the NT5M antibody.

## **Storage**

Aliquot the NT5M antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.