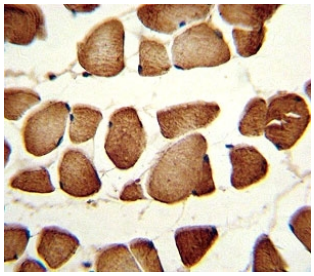
NAMPT Antibody (F51479)

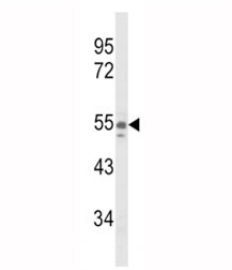
Catalog No.	Formulation	Size
F51479-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51479-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

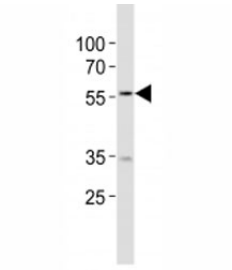
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Pig
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P43490
Localization	Predominantly cytoplasmic, some nuclear staining may also be seen
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This NAMPT antibody is available for research use only.



IHC analysis of FFPE human skeletal muscle stained with NAMPT antibody. Expected molecular weight ~56 kDa.



Western blot analysis of NAMPT antibody and A375 lysate. Expected molecular weight ~56 kDa.



Western blot analysis of lysate from MCF-7 cell line using NAMPT antibody diluted at 1:1000. Expected molecular weight ~56 kDa.

Description

NAMPT catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein is an adipokine that is localized to the bloodstream and has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It also activates insulin receptor and has insulin-mimetic effects, lowering blood glucose and improving insulin sensitivity. The protein is highly expressed in visceral fat and serum levels of the protein correlate with obesity.

Application Notes

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

Immunogen

A portion of amino acids 400-426 from the human protein was used as the immunogen for this NAMPT antibody.

Storage

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

Copyright © NSJ Bioreagents. All rights reserved.