

Datasheet for ABIN1169022  
**anti-NAMPT antibody**



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1 Image

## Overview

Quantity:	100 µg
Target:	NAMPT
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAMPT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Recombinant rat Nampt (visfatin/PBEF).
Specificity:	Recognizes rat Nampt. Detects a band of ~54 kDa by Western blot.
Cross-Reactivity:	Rat (Rattus)
Cross-Reactivity (Details):	Weakly cross-reacts with human Nampt.
Sterility:	0.2 µm filtered

## Target Details

Target:	NAMPT
Alternative Name:	Nampt (Visfatin/PBEF) ( <a href="#">NAMPT Products</a> )
Background:	Nicotinamide phosphoribosyltransferase (Nampt, pre-B cell colony-enhancing factor, PBEF, Visfatin) is an 52 kDa adipokine secreted by adipose tissue and involved in the biosynthesis of

## Target Details

nicotinamide adenine dinucleotide (NAD<sup>+</sup>). Two forms of Nampt exist, an intracellular form (iNampt) and an extracellular form (eNampt). While the function of iNampt as an essential and rate-limiting NAD<sup>+</sup> biosynthetic enzyme is well established, the physiological role of eNampt is still a matter of debate. Nampt has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It 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.

UniProt: [Q80Z29](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

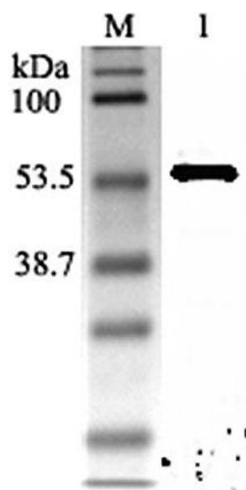
Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months



Western Blotting

**Image 1.** Western blot analysis using anti-Nampt (rat), pAb at 1:2'000 dilution. 1: Rat Nampt (His-tagged).