

Datasheet for ABIN1169025

**anti-NAMPT antibody**[Go to Product page](#)**1** Image**3** Publications

## Overview

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

## Product Details

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

## Target Details

|                   |   |
|-------------------|---|
| Target:           | NAMPT   |
| Alternative Name: | Nampt (Visfatin/PBEF) ( <a href="#">NAMPT Products</a> )  |
| Background:       | Nampt also known as pre-B cell colony-enhancing factor 1 (PBEF1) or visfatin is an adipokine that is localized to the bloodstream and has various functions, including the promotion of |

## Target Details

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: [P43490](#)

## 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

## Publications

Product cited in: Moschen, Kaser, Enrich, Mosheimer, Theurl, Niederegger, Tilg: "Visfatin, an adipocytokine with proinflammatory and immunomodulating properties." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 178, Issue 3, pp. 1748-58, (2007) ([PubMed](#)).

Nowell, Richards, Fielding, Ognjanovic, Topley, Williams, Bryant-Greenwood, Jones: "Regulation of pre-B cell colony-enhancing factor by STAT-3-dependent interleukin-6 trans-signaling: implications in the pathogenesis of rheumatoid arthritis." in: **Arthritis and rheumatism**, Vol. 54, Issue 7, pp. 2084-95, (2006) ([PubMed](#)).

Bae, Kim, Kim, Kim, Koo, Jang, Yun, Yoo, Bae: "Hypoxic induction of human visfatin gene is

directly mediated by hypoxia-inducible factor-1." in: **FEBS letters**, Vol. 580, Issue 17, pp. 4105-13 , (2006) ([PubMed](#)).



**Western Blotting**

**Image 1.** Western blot analysis using anti-Nampt (human), pAb at 1:2'000 dilution. 1: Human Nampt (His-tagged). 2: LPS-treated human peripheral blood leukocyte lysate.