



## Nampt Antibody

CATALOG NUMBER: 36-227

### Specifications

<b>SPECIES REACTIVITY:</b>	Mouse
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: (direct and indirect: 1:2,000-1:5,000). Western Blot: (1:2,000-1:5,000 using ECL; suggested blocking and dilution buffer is PBST containing 0.05% Tween 20 and 5% skim milk; suggested incubation time is 1 hour at room temperature). Optimal conditions must be determined individually for each application.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	Recognizes mouse Nampt. Weakly cross-reacts with human Nampt. Detects a band of ~54kDa by Western blot.
<b>IMMUNOGEN:</b>	Recombinant mouse Nampt (visfatin/PBEF).
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Liquid. 0.2um-filtered solution in PBS, pH 7.4. Contains no preservatives.
<b>CONCENTRATION:</b>	1 mg/ml
<b>STORAGE CONDITIONS:</b>	Stable for at least 6 months after receipt when stored at -20°C.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	Pre-B Cell Colony Enhancing Factor 1; PBEF1; Nicotinamide Phosphoribosyltransferase
<b>ACCESSION NO.:</b>	Q99KQ4
<b>PROTEIN GI NO.:</b>	68565929
<b>OFFICIAL SYMBOL:</b>	Nampt
<b>GENE ID:</b>	59027

### Background

<b>BACKGROUND:</b>	Nicotinamide phosphoribosyltransferase (Nampt; pre-B cell colony-enhancing factor; PBEF; Visfatin) 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 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.
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