

Anti-NAMPT / Visfatin Antibody (aa413-431)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18158**Specification**

Anti-NAMPT / Visfatin Antibody (aa413-431) - Product Information

Application	WB, IHC-P, E
Primary Accession	P43490
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55521

Anti-NAMPT / Visfatin Antibody (aa413-431) - Additional Information**Gene ID** 10135**Alias Symbol** **NAMPT****Other Names**

NAMPT, PBEF, Pre-B cell-enhancing factor, VISFATIN, VF, NAMPTase, PBEF1

Target/Specificity

Recognizes human Nampt. Weakly cross-reacts with mouse Nampt. Detects a band of ~54kDa by Western blot.

Reconstitution & Storage

Protein A purified

Precautions

Anti-NAMPT / Visfatin Antibody (aa413-431) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-NAMPT / Visfatin Antibody (aa413-431) - Protein Information**Name** NAMPT**Synonyms** PBEF, PBEF1**Function**

Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway. The secreted form behaves both as a cytokine with immunomodulating properties and an adipokine with anti-diabetic properties, it has no enzymatic activity, partly because of lack of activation by ATP, which has a low level in extracellular space and plasma. Plays a role in the modulation of circadian clock function. NAMPT-dependent oscillatory production of NAD regulates oscillation of clock target gene expression by releasing the core clock component: CLOCK-BMAL1 heterodimer from NAD-dependent SIRT1-mediated suppression (By similarity).

Cellular Location

Nucleus. Cytoplasm {ECO:0000250|UniProtKB:Q99KQ4}. Secreted Note=Under non-inflammatory conditions, visfatin predominantly exhibits a granular pattern within the nucleus. Secreted by endothelial cells upon IL-1beta stimulation. Abundantly secreted in milk, reaching 100- fold higher concentrations compared to maternal serum

Tissue Location

Expressed in large amounts in bone marrow, liver tissue, and muscle. Also present in heart, placenta, lung, and kidney tissues

Anti-NAMPT / Visfatin Antibody (aa413-431) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-NAMPT / Visfatin Antibody (aa413-431) - Images