

**PBEF1 antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11992**

**Specification**

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**PBEF1 antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">P43490</a>
Other Accession	<a href="#">NM_005746</a> , <a href="#">NP_005737</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rat, Pig, Chicken
Clonality	Rabbit
Calculated MW	Polyclonal 54kDa KDa

**PBEF1 antibody - C-terminal region - Additional Information**

**Gene ID** 10135

**Alias Symbol** 1110035O14Rik, DKFZP666B131, MGC117256, NAMPT, PBEF, VF, PBEF1, VISFATIN

**Other Names**

Nicotinamide phosphoribosyltransferase, NAMPRTase, Nampt, 2.4.2.12, Pre-B-cell colony-enhancing factor 1, Pre-B cell-enhancing factor, Visfatin, NAMPT, PBEF, PBEF1

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 100 ul of distilled water. Final anti-PBEF1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

PBEF1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**PBEF1 antibody - C-terminal region - 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

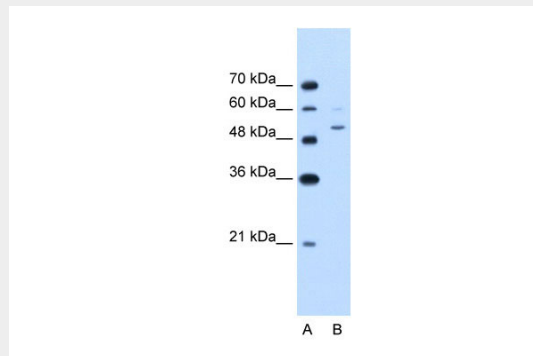
Expressed in large amounts in bone marrow, liver tissue, and muscle. Also present in heart, placenta, lung, and kidney tissues

### PBEF1 antibody - C-terminal region - 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](#)

### PBEF1 antibody - C-terminal region - Images



WB Suggested Anti-PBEF1 Antibody Titration: 2.5µg/ml  
Positive Control: Jurkat cell lysate

### PBEF1 antibody - C-terminal region - References

Chen, M.P., (2006) J. Clin. Endocrinol. Metab. 91 (1), 295-299 Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.