

## Rabbit Anti-Visfatin/AP Conjugated antibody

SL10245R-AP

<b>Product Name</b>	Anti-Visfatin/AP
<b>Chinese Name</b>	碱性磷酸酶（AP）标记的内脂素/内脏脂肪素/前 B 细胞克隆增强因子 1 抗体
<b>Alias</b>	pre-B-cell colony-enhancing factor 1; PBEF1 protein; AI480535; 1110035O14Rik; AI314458; DKFZP666B131; EC 2.4.2.12; MGC117256; NAmPRTase; NAMPT; Nicotinamide phosphoribosyltransferase; PBEF; PBEF1; Pre B cell colony enhancing factor 1; Pre B cell colony enhancing factor; Pre B cell enhancing factor; NAMPT_HUMAN.
<b>Research Area</b>	Cardiovascular immunology Neurobiology Growth factors and hormones Diabetes Endocrinopathy
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Mouse(predicted:Rat,Chicken,Dog,Pig,Horse,Rabbit) WB=1:50-200 IHC-F=1:50-200 ICC=1:50-200
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	55kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human PBEF
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> This gene encodes a protein that catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide

mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein belongs to the nicotinic acid phosphoribosyltransferase (NAPRTase) family and is thought to be involved in many important biological processes, including metabolism, stress response and aging. This gene has a pseudogene on chromosome 10. [provided by RefSeq, Feb 2011].

**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.

**Subunit:**

Homodimer.

**Subcellular Location:**

Cytoplasm.

**Tissue Specificity:**

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

**Similarity:**

Belongs to the NAPRTase family.

**Database links:**

[Entrez Gene: 10135](#) Human

[Entrez Gene: 59027](#) Mouse

[Entrez Gene: 297508](#) Rat

[Omim: 608764](#) Human

[SwissProt: P43490](#) Human

[SwissProt: Q99KQ4](#) Mouse

[SwissProt: Q80Z29](#) Rat

[Unigene: 489615](#) Human

[Unigene: 202727](#) Mouse

[Unigene: 203508](#) Rat



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**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.