

NAMPT rabbit monoclonal antibody

Catalog # H00010135-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NAMPT peptide using ARM Technology.
Immunogen	A synthetic peptide of human NAMPT is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NAMPT peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NAMPT

Entrez GeneID	10135
GeneBank Accession#	NAMPT
Gene Name	NAMPT
Gene Alias	1110035O14Rik, DKFZp666B131, MGC117256, PBEF, PBEF1, VF, VISFATIN
Gene Description	nicotinamide phosphoribosyltransferase
Omim ID	608764
Gene Ontology	Hyperlink
Gene Summary	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 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 also 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. This gene has a pseudogene on chromosome 10. [provided by RefSeq]
Other Designations	NAmPRTase pre-B cell-enhancing factor pre-B-cell colony enhancing factor 1

Pathway

- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Obesity](#)