Rabbit anti-Human, Mouse Nicotinamide phosphoribosyltransferase Polyclonal Antibody | anti-NAMPT antibody

Rabbit anti-human Nicotinamide phosphoribosyltransferase polyclonal Antibody(NAMPT)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119227	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Nicotinamide phosphoribosyltransferase; Polyclonal Antibody; Rabbit anti-human Nicotinamide phosphoribosyltransferase polyclonal Antibody(NAMPT); NAmPRTase; Nampt; Pre-B-cell colony-enhancing factor 1; Pre-B cell-enhancing factor; NAMPT; PBEF; PBEF1; anti-NAMPT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	491
Applicable Applications for anti-NAMPT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Nicotinamide phosphoribosyltransferase protein (1-280aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46440 / sc-46439 / sc-67020
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human kidney using AAA119227 at dilution 1:100

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human liver using AAA119227 at dilution 1:100

WB (Western Blot)
All lanes: Nicotinamide phosphoribosyltransferase antibody at 4ug/mlLane 1:mouse heart tissueLane 2:mouse liver tissueLane 3:mouse skeletal muscle tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 56kDaObserved band size: 56kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NAMPT antibody	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-ARNTL/BMAL1 heterodimer from NAD-dependent SIRT1-mediated suppression.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031977
NCBI GeneID	10135
NCBI Accession #	NP_005737.1
NCBI GenBank Nucleotide #	NM_005746.2
UniProt Accession #	P43490; Q3KQV0; Q8WW95; A4D0Q9; A4D0R0
Molecular Weight	55,521 Da
NCBI Official Full Name	nicotinamide phosphoribosyltransferase
NCBI Official Synonym Full Names	nicotinamide phosphoribosyltransferase
NCBI Official Symbol	NAMPT
NCBI Official Synonym Symbols	VF; PBEF; PBEF1; VISFATIN; 1110035O14Rik
NCBI Protein Information	nicotinamide phosphoribosyltransferase
UniProt Protein Name	Nicotinamide phosphoribosyltransferase
UniProt Gene Name	**NAMPT**
UniProt Synonym Gene Names	PBEF; PBEF1; NAmPRTase; Nampt; Pre-B cell-enhancing factor
UniProt Entry Name	NAMPT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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