

## Rabbit anti-Human NAMPT Polyclonal Antibody | anti-NAMPT antibody

NAMPT Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA233247 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

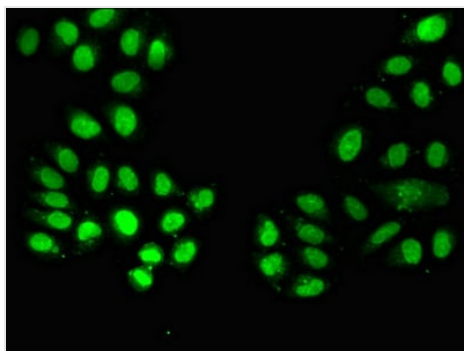
### PRODUCT SYNONYMS

NAMPT; Polyclonal Antibody; NAMPT Antibody; Nicotinamide phosphoribosyltransferase; NAMPTase; Nampt; Pre-B-cell colony-enhancing factor 1; Pre-B cell-enhancing factor; Visfatin; PBEF; PBEF1; anti-NAMPT antibody

### PRODUCT SPECIFICATIONS

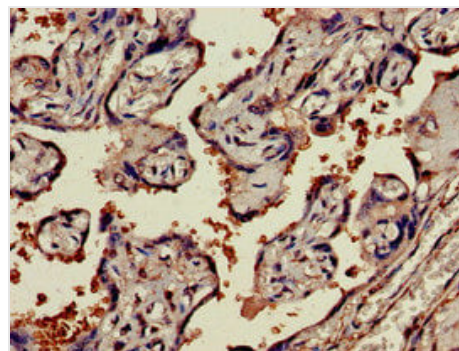
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | >95%, Protein G purified                                                                                       |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 491                                                                                                            |
| Applicable Applications for anti-NAMPT antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                  |
| Immunogen                                       | Recombinant Human Nicotinamide phosphoribosyltransferase protein (1-280AA)                                     |
| Conjugation                                     | Non-conjugated                                                                                                 |
| Preservative                                    | 0.03% Proclin 300                                                                                              |
| Constituents                                    | 50% Glycerol, 0.01M PBS, pH 7.4                                                                                |
| 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



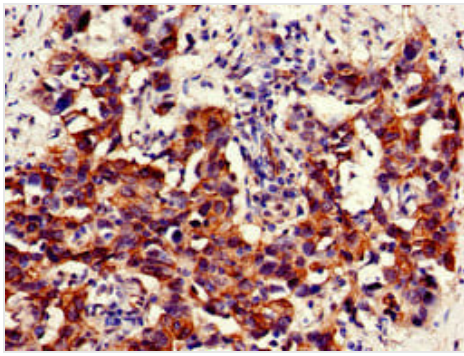
IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA233247 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



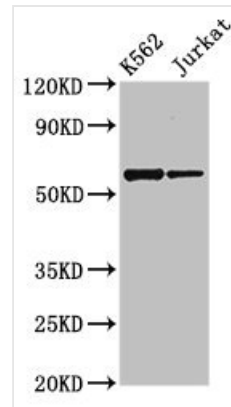
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA233247 at dilution of 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human bladder cancer using AAA233247 at dilution of 1:100



#### WB (Western Blot)

Western Blot Positive WB detected in: K562 whole cell lysate, Jurkat whole cell lysate. All lanes: NAMPT antibody at 2.7 µg/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 56 kDa. Observed band size: 56 kDa.

## 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 (By similarity).

## 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                | <b>NAMPT</b>                                              |
| UniProt Synonym Gene Names       | PBEF; PBEF1; NAMPTase; Nampt; Pre-B cell-enhancing factor |

**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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Online datasheet: <https://www.aaabiotech.com/polyclonal/nampt-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233247>