

## NAMPT Antibody

Catalog No: #32047

Package Size: #32047-1 50ul #32047-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

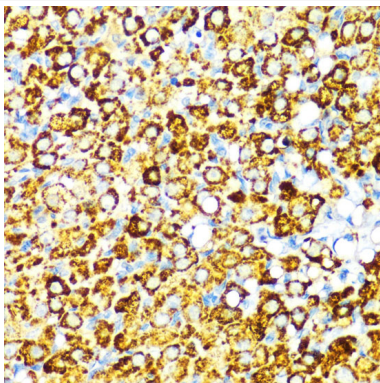
## Description

Product Name	NAMPT Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total NAMPT protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NAMPT.
Target Name	NAMPT
Other Names	NAMPT; 1110035O14Rik; DKFZp666B131; MGC117256; PBEF
Accession No.	Swiss-Prot:P43490NCBI Gene ID:10135
Uniprot	P43490
GeneID	10135;
SDS-PAGE MW	52KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

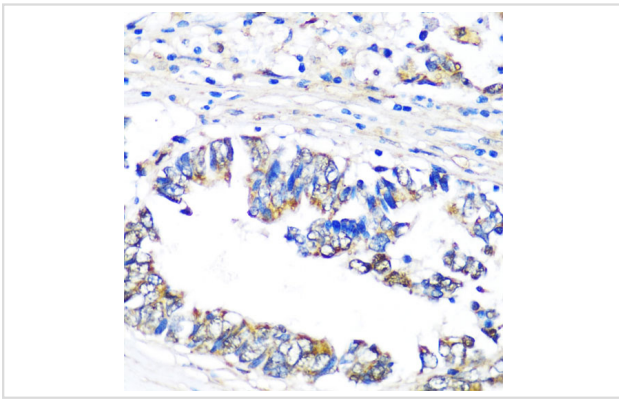
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

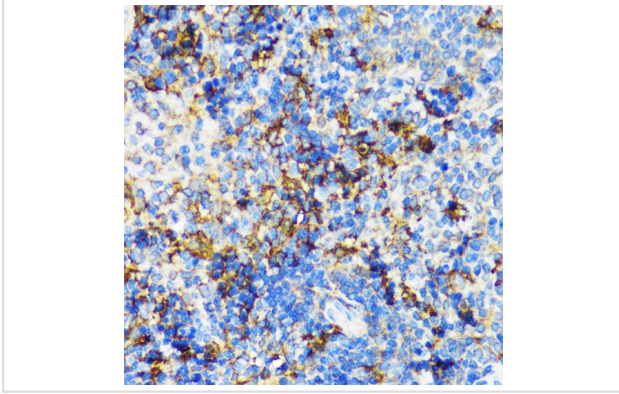
## Images



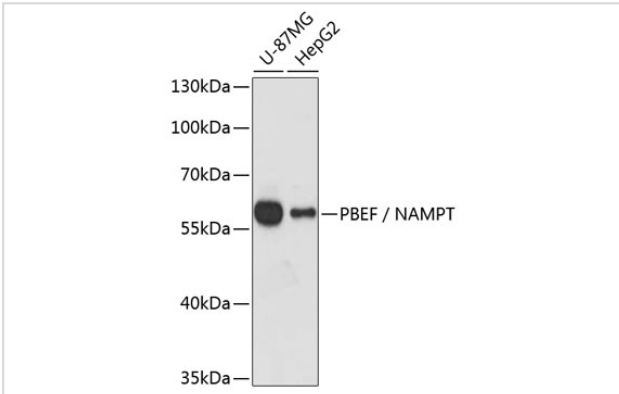
Immunohistochemistry of paraffin-embedded rat ovary using PBEF / NAMPT at dilution of 1:100 (40x lens).



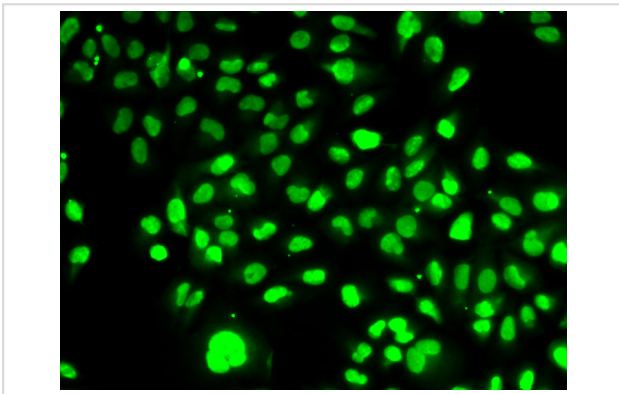
Immunohistochemistry of paraffin-embedded human colon carcinoma using PBEF / NAMPT at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using PBEF / NAMPT at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using PBEF / NAMPT at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using PBEF / NAMPT .

## Background

Nicotinamide phosphoribosyltransferase (NAMPT) has two usual synonyms termed Visfatin and PBEF. Its primary role is to catalyze the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD, which is the rate limiting component in the mammalian NAD biosynthesis pathway. NAMPT is localized in cytoplasm and expressed in large amounts in bone marrow, liver tissue, and muscle tissues. NAMPT inhibits neutrophil apoptosis in experimental inflammation and clinical sepsis. NAMPT levels are altered in plasma of patients with type 2 diabetes mellitus (T2DM), and it is now evidenced that NAMPT may play a role in lipid metabolism.

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Note: This product is for in vitro research use only