

NAMPT Antibody

Catalog No: #32047

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

Orders: order@signalwayantibody.comSupport: 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.
Conjugates	Unconjugated
Target Name	NAMPT
Other Names	NAMPT; 1110035O14Rik; DKFZp666B131; MGC117256; PBEF
Accession No.	Swiss-Prot:P43490NCBI Gene ID:10135
SDS-PAGE MW	52KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

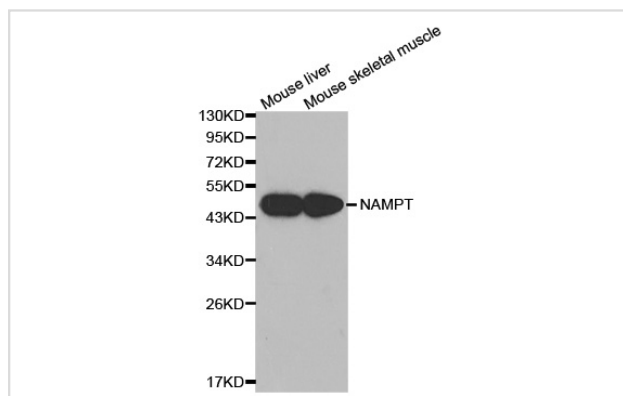
Application Details

Western blotting: 1:500 - 1:2000

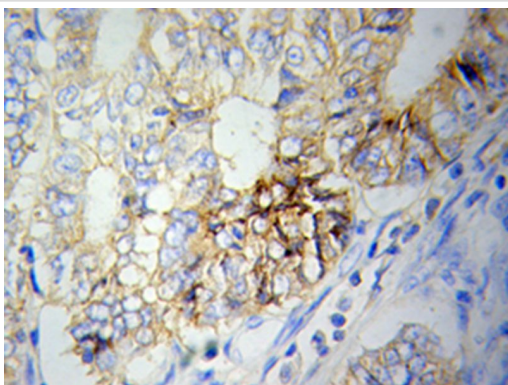
Immunohistochemistry: 1:50 - 1:200

Immunofluorescence: 1:50 - 1:200

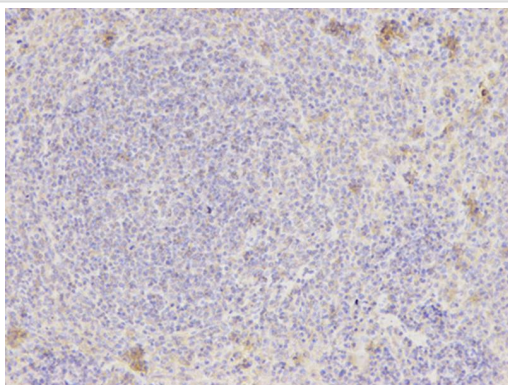
Images



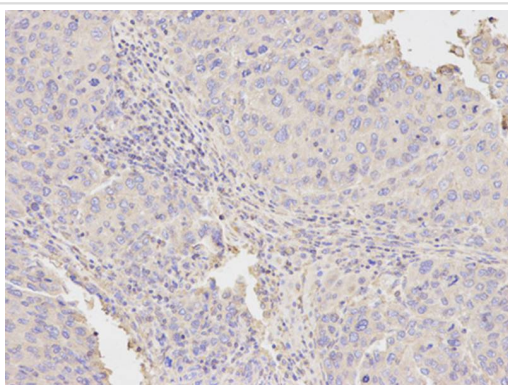
Western blot analysis of extracts of various cell lines, using NAMPT antibody.



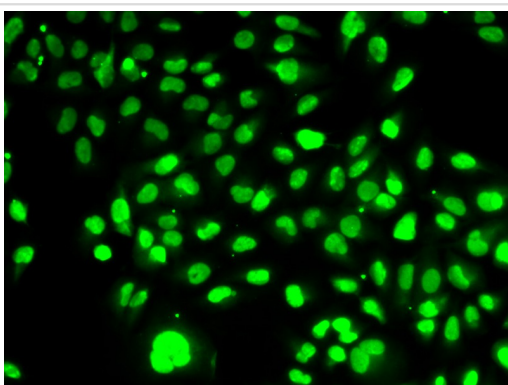
Immunohistochemical analysis of paraffin-embedded human ovary cancer using NAMPT antibody.



Immunohistochemical analysis of paraffin-embedded rat spleen using NAMPT antibody at dilution of 1:200 (200x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using NAMPT antibody at dilution of 1:200 (200x lens).



Immunofluorescence analysis of HeLa cell using NAMPT antibody.

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.

Published Papers

el at., Naoxingqing tablet protects against cerebral ischemic/reperfusion injury by regulating ampka/NAMPT/SIRT1/PGC-1 α pathwayInJ

EthnopharmacolOn2024 Mar 25byXiao Sun?1,?Yunfeng Pan et al..PMID:?38159826, , (2023)

[PMID:38159826](#)

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Ethnopharmacol on 2024 Mar 25 by Xiao Sun, Yunfeng Pan,et al..PMID:38159826, , (2024)

[PMID:38159826](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.